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Texas Occupational Employment Statistics

Industry Staffing Patterns

Hospitals

TEXAS EMPLOYMENT COMMISSION
In cooperation with the U.S. Department of Labor
Bureau of Labor Statistics
Issued June 1988

TEXAS OCCUPATIONAL EMPLOYMENT STATISTICS

INDUSTRY STAFFING PATTERNS
FOR HOSPITALS

April 1986

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TEC Building
Austin, Texas 78778

Issued June 1988

PREFACE

This publication summarizes the results of an occupational employment survey of hospitals in Texas.

This report is the product of a Federal-State Cooperative Program. The Bureau of Labor Statistics (BLS) developed the procedures and provided technical assistance. The Department of Labor through BLS funded the project and was responsible for the administrative aspects of the program. The Texas Employment Commission collected and analyzed the data, provided the necessary computer services, and published the findings.

Special thanks are extended to the many cooperating employers who provided the survey data which made this publication possible.

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INTRODUCTION

The Occupational Employment Statistics (OES) Program is an ongoing Federal-State Cooperative Program that produces current estimates of industry staffing patterns by occupation through periodic surveys of the nonfarm wage and salary sector of the Texas economy. It consists of three parts: the OES survey, the industry-occupation matrix, and projections. This publication presents the results of the survey phase.

The program's primary purpose is to collect and summarize current occupational data by industry which will be used to measure and define occupational needs and trends. The data will also be used to refine and modify the worker-demand projections generated through the Industry-Occupation Matrix. The OES program has continued to expand and develop in order to meet the changing needs of data users, such as companies considering new plant locations, business firms involved in research projects, vocational education groups developing curricula, as well as Private Industry Councils, job-seekers, guidance counselors, community leaders, chambers of commerce, students, etc.

Occupational staffing patterns are presented for hospitals. Data was provided by Texas employers for the survey week of April 12, 1986.

This publication and other industry publications will be updated at three-year intervals to provide a better basis for decision-making at all levels of human resource planning and development. Other publications providing industry and occupational data are available from the Texas Employment Commission upon request.

METHODOLOGY

THE SAMPLE

The Unemployment Insurance (ES-202) hospital universe file was used. This survey included private, State Government, and Local Government hospitals. Excluded were Federal Government and prison hospitals.

COLLECTION PROCEDURES

The majority of the data was collected by mail. Each hospital received a structured schedule for their specific industry. The survey form includes instructions, occupational titles and definitions, establishment identification, and a three-digit SIC description. An open-end feature allows respondents to report occupations not listed or new emerging occupations.

Survey procedures included three follow-up mailings to nonrespondents. The telephone was used extensively to clarify data and to canvass critical nonrespondents.

SAMPLING ERROR

No sampling error because universe employment was used.

NONSAMPLING ERROR

Nonsampling error results from several aspects of the survey process, such as respondent error, processing errors, questionnaire design, etc. It cannot be measured with reasonable precision, therefore, survey procedures and estimating processes have been designed to minimize it.

CONSIDERATIONS IN USING THE ESTIMATES

ROUNDING AND OCCUPATIONS WITH LESS THAN TEN EMPLOYMENT

All estimates were rounded to the nearest ten (10). The percent distribution column may not add up to one hundred percent (100%) because of the computer rounding procedure.

Occupations with employment less than ten (10) were combined with a relevant "all other" category. "N.A." means not applicable.

The employment count reflects the number of jobs and not the number of persons holding jobs.

SIC 806 HOSPITALS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	214,540	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	9,240	4.23	N.A.	N.A.
FINANCIAL MANAGERS	510	0.23	1.91	65.13
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	420	0.19	2.32	50.12
PURCHASING MANAGERS	320	0.14	1.92	53.35
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	290	0.13	2.23	41.11
ADMINISTRATIVE SERVICES MANAGERS	320	0.14	6.97	22.86
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	250	0.11	7.24	21.48
MEDICINE AND HEALTH SERVICES MANAGERS	3,130	1.45	2.84	84.76
FOOD SERVICE AND LODGING MANAGERS	470	0.21	2.32	59.35
GENERAL MANAGERS AND TOP EXECUTIVES	1,330	0.61	3.57	84.76
ALL OTHER MANAGERS AND ADMINISTRATORS	2,200	1.02	3.67	39.72
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	114,490	53.06	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	750	0.34	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	480	0.22	3.63	37.41
BUDGET ANALYSTS	70	0.03	4.77	10.39
ALL OTHER FINANCIAL SPECIALISTS	200	0.09	10.40	10.16
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	340	0.15	3.69	37.64
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	350	0.16	3.24	26.10
COMPLIANCE OFFICERS AND ENFORCEMENT INSPECTORS, EXCEPT CONSTRUCTION	100	0.04	9.69	8.78
ALL OTHER MANAGEMENT SUPPORT WORKERS	530	0.24	6.81	14.09
ENGINEERS	330	0.13	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	40	0.01	12.53	3.93
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	30	0.01	10.85	3.70
MECHANICAL ENGINEERS	120	0.05	6.71	11.55
ALL OTHER ENGINEERS	140	0.06	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	250	0.11	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	90	0.04	13.95	3.23
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	30	0.01	20.53	1.39
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	130	0.06	N.A.	N.A.
LIFE SCIENTISTS	1,570	0.72	N.A.	N.A.
BIOLOGICAL SCIENTISTS	520	0.24	25.59	4.85
ALL OTHER LIFE SCIENTISTS	1,050	0.48	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	350	0.16	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	700	0.31	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	300	0.13	6.16	10.62
COMPUTER PROGRAMMERS	270	0.12	5.79	12.93
COMPUTER PROGRAMMER AIDES	130	0.06	7.94	9.47
SOCIAL SCIENTISTS, INCLUDING URBAN AND REGIONAL PLANNERS	310	0.14	N.A.	N.A.
SOCIAL WORKERS, MEDICAL AND PSYCHIATRIC	1,820	0.84	7.20	39.26
SOCIAL WORKERS, EXCEPT MEDICAL AND PSYCHIATRIC	370	0.17	9.42	15.24
SOCIAL SERVICE TECHNICIANS	210	0.09	16.93	10.39
RELIGIOUS WORKERS	230	0.10	N.A.	N.A.
CLERGY	230	0.10	4.96	18.24
NURSING INSTRUCTORS	440	0.20	5.83	22.17
TEACHERS AND INSTRUCTORS, VOCATIONAL EDUCATION AND TRAINING	260	0.12	11.48	9.93
ALL OTHER TEACHERS AND INSTRUCTORS	320	0.14	8.77	11.32
LIBRARIANS, PROFESSIONAL	70	0.03	11.04	6.93
TECHNICAL ASSISTANTS, LIBRARY	20	0.00	12.02	3.00
PHYSICIANS AND SURGEONS	1,830	0.85	14.88	17.09
DENTISTS	50	0.02	10.06	4.39
ALL OTHER HEALTH DIAGNOSING AND TREATING PRACTITIONERS	30	0.01	N.A.	N.A.
RESPIRATORY THERAPISTS	3,120	1.45	2.08	62.59
OCCUPATIONAL THERAPISTS	630	0.29	4.76	21.25
PHYSICAL THERAPISTS	1,200	0.55	2.65	51.27
CORRECTIVE AND MANUAL ARTS THERAPISTS	40	0.01	19.54	1.85
SPEECH PATHOLOGISTS AND AUDIOLOGISTS	130	0.06	6.02	9.70
RECREATIONAL THERAPISTS	290	0.13	6.94	15.70
ALL OTHER THERAPISTS	290	0.13	8.52	9.47
REGISTERED NURSES	47,250	22.02	0.35	98.38
LICENSED PRACTICAL NURSES	24,960	11.63	2.05	97.23
EMERGENCY MEDICAL TECHNICIANS	630	0.29	6.31	18.71
PHYSICIAN'S ASSISTANTS	330	0.15	15.97	7.16
PHARMACISTS	2,490	1.16	2.75	63.74
DIETITIANS AND NUTRITIONISTS	790	0.36	2.24	55.66
DIETETIC TECHNICIANS	580	0.27	4.81	32.10
MEDICAL AND CLINICAL LABORATORY TECHNOLOGISTS	4,740	2.20	2.09	76.21
MEDICAL AND CLINICAL LABORATORY TECHNICIANS	2,880	1.34	3.10	69.05
MEDICAL RECORDS TECHNICIANS AND TECHNOLOGISTS	1,360	0.63	2.58	74.36
NUCLEAR MEDICINE TECHNOLOGISTS	420	0.19	3.96	32.33
RADIOLOGIC TECHNOLOGISTS	2,230	1.03	2.53	56.35
RADIOLOGIC TECHNICIANS	1,800	0.83	2.33	66.28
ELECTROENCEPHALOGRAPH TECHNICIANS AND TECHNOLOGISTS	310	0.14	3.56	27.71
ELECTROCARDIOGRAPH TECHNICIANS AND TECHNOLOGISTS	700	0.32	2.88	33.72
SURGICAL TECHNICIANS	2,050	0.95	2.94	54.73
ALL OTHER HEALTH PROFESSIONALS, PARAPROFESSIONALS, AND TECHNICIANS	3,130	1.45	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS	200	0.09	3.51	24.25
PHOTOGRAPHERS	120	0.05	9.73	7.39
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	590	0.27	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	980	0.44	N.A.	N.A.
CASHIERS	940	0.43	2.66	44.11
ALL OTHER SALES AND RELATED WORKERS	40	0.01	14.69	2.77
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	36,430	16.86	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,910	0.89	3.28	62.82
ADJUSTMENT CLERKS	340	0.15	5.99	16.63
MEDICAL SECRETARIES	2,230	1.03	4.87	55.43
ALL OTHER SECRETARIES	3,680	1.71	4.10	54.97
STENOGRAPHERS	90	0.04	8.36	5.31
RECEPTIONISTS AND INFORMATION CLERKS	1,170	0.54	5.46	38.57
TYPISTS	2,820	1.31	7.60	61.20
TYPISTS, WORD PROCESSING EQUIPMENT	240	0.11	6.23	14.32
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	350	0.16	2.67	34.64
FILE CLERKS	970	0.45	7.28	32.10
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	170	0.07	5.36	14.09
PROCUREMENT CLERKS	320	0.14	4.06	31.87
STATISTICAL CLERKS	1,100	0.51	3.78	41.34
INTERVIEWING CLERKS, EXCEPT PERSONNEL AND SOCIAL WELFARE	2,320	1.08	3.02	47.81
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,250	0.58	5.73	62.36
PAYROLL AND TIMEKEEPING CLERKS	330	0.15	2.66	46.19
BILLING, COST AND RATE CLERKS	1,860	0.86	2.56	72.29
GENERAL OFFICE CLERKS	7,470	3.48	3.80	76.67
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	1,740	0.79	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	140	0.06	6.75	11.32
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	520	0.24	3.42	29.10
DATA ENTRY KEYERS, EXCEPT COMPOSING	980	0.45	4.61	48.04
ALL OTHER OFFICE MACHINE OPERATORS	100	0.04	11.82	6.00
SWITCHBOARD OPERATORS	1,890	0.88	1.84	72.98
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	2,390	1.10	N.A.	N.A.
DISPATCHERS- POLICE, FIRE, AND AMBULANCE	60	0.02	13.74	2.77
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	1,870	0.87	3.67	55.43
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	260	0.12	5.54	20.09

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	200	0.09	17.24	6.47
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	1,790	0.83	3.94	36.03
SERVICE OCCUPATIONS	45,780	21.18	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	3,030	1.40	N.A.	N.A.
HOUSEKEEPERS	1,940	0.90	5.18	73.90
ALL OTHER SERVICE SUPERVISORS AND MANAGER/SUPERVISORS	1,090	0.50	3.05	40.65
GUARDS AND WATCH GUARDS	1,840	0.85	8.46	27.02
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	9,260	4.25	N.A.	N.A.
WAITERS AND WAITRESSES	80	0.03	17.34	2.08
FOOD SERVERS, OUTSIDE	1,750	0.81	4.53	31.41
DINING ROOM AND CAFETERIA ATTENDANTS, AND BARTENDER HELPERS	530	0.24	7.09	16.17
COUNTER ATTENDANTS, LUNCHROOM, COFFEE SHOP, OR CAFETERIA	380	0.17	5.22	16.17
BAKERS, BREAD AND PASTRY	170	0.07	4.73	17.78
COOKS, INSTITUTION OR CAFETERIA	2,120	0.98	1.55	84.06
COOKS, SHORT ORDER	150	0.06	7.44	8.55
FOOD PREPARATION WORKERS	3,040	1.41	2.99	61.89
ALL OTHER FOOD SERVICE WORKERS	1,040	0.48	5.93	22.40
HEALTH SERVICE AND RELATED WORKERS	22,290	10.34	N.A.	N.A.
DENTAL ASSISTANTS	50	0.02	9.69	3.93
MEDICAL ASSISTANTS	1,000	0.46	4.25	29.56
NURSING AIDES, ORDERLIES, AND ATTENDANTS	12,460	5.80	3.37	83.83
HOME HEALTH AIDES	440	0.20	6.96	18.94
PSYCHIATRIC AIDES	3,540	1.64	11.36	10.16
PHYSICAL AND CORRECTIVE THERAPY ASSISTANTS AND AIDES	840	0.39	3.36	34.87
OCCUPATIONAL THERAPY ASSISTANTS AND AIDES	290	0.13	13.35	8.55
AMBULANCE DRIVERS AND ATTENDANTS, EXCEPT EMERGENCY MEDICAL TECHNICIANS	70	0.03	9.16	5.31
PHARMACY ASSISTANTS	1,570	0.73	2.95	51.27
ALL OTHER HEALTH SERVICE WORKERS	2,030	0.94	5.11	31.64
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	9,000	4.18	N.A.	N.A.
MAIDS AND HOUSEKEEPING CLEANERS	6,380	2.97	3.22	75.75
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	2,450	1.14	6.29	53.81
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	170	0.07	8.57	6.93
CHILD CARE WORKERS	130	0.06	12.72	2.77
ALL OTHER SERVICE WORKERS	230	0.10	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	470	0.20	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS-AGRICULTURAL, FORESTRY, FISHING, & RELATED OCCUPATIONS	20	0.00	16.83	2.77
GARDENERS AND GROUNDSKEEPERS, EXCEPT FARM	410	0.19	4.83	34.64
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	40	0.01	35.52	0.69
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	7,150	3.20	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	540	0.24	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	310	0.14	4.51	26.10
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	230	0.10	5.80	13.86
MACHINERY MAINTENANCE MECHANICS	380	0.17	5.51	12.47
MAINTENANCE REPAIRERS, GENERAL UTILITY	1,760	0.82	3.08	66.28
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	260	0.12	4.25	18.01
ELECTROMEDICAL AND BIOMEDICAL EQUIPMENT REPAIRERS	360	0.16	4.59	18.48
MENDERS- GARMENTS, LINENS, AND RELATED	90	0.04	9.58	8.31
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	130	0.06	7.36	6.70
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	980	0.45	N.A.	N.A.
CARPENTERS	310	0.14	4.75	13.63
ELECTRICIANS	260	0.12	4.32	16.40
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	280	0.13	3.47	18.71
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	130	0.06	7.22	9.01
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	50	0.02	11.05	3.23
PRECISION PRODUCTION OCCUPATIONS	70	0.03	13.63	4.39
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,300	0.58	N.A.	N.A.
LAUNDRY AND DRYCLEANING MACHINE OPERATORS AND TENDERS, EXCEPT PRESSING	960	0.44	4.50	28.41
PRESSING MACHINE OPERATORS AND TENDERS- TEXTILE, GARMENT, AND RELATED MATERIALS	160	0.07	15.60	4.16
BOILER OPERATORS AND TENDERS, LOW PRESSURE	110	0.05	7.70	6.47
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	20	0.00	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	50	0.02	9.57	4.16
HAND WORKING OCCUPATIONS, INCLUDING ASSEMBLERS & FABRICATORS	40	0.01	21.30	2.08
PLANT AND SYSTEM WORKERS	210	0.08	N.A.	N.A.

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STATIONARY ENGINEERS	170	0.07	8.83	6.00
ALL OTHER PLANT AND SYSTEM OPERATORS	40	0.01	18.82	1.85
MOTOR VEHICLE OPERATORS	340	0.15	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	290	0.13	6.92	9.47
ALL OTHER MOTOR VEHICLE OPERATORS	50	0.02	10.81	4.39
PARKING LOT ATTENDANTS	150	0.06	15.39	3.70
ALL OTHER TRANSPORTATION & MATERIAL MOVING EQUIPMENT OPERATORS	20	0.00	20.36	1.39
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	470	0.21	8.75	10.16

GLOSSARY OF TERMS

ES-202, Quarterly Report of Employment and Wages: A listing of all employing units, within the state, covered under the Unemployment Insurance Law.

Establishment: An economic unit which produces goods or services. In most instances, each establishment is a single physical location and is engaged in one predominate type of economic activity for which an industry code is applicable. Establishments are also referred to as reporting units.

Standard Industrial Classification (SIC): The SIC is the classification of establishments by type of economic activity in which engaged. It is a classification of establishment, rather than legal entities or enterprises by kinds of business, and not by occupations or commodities. It encompasses all economic activity.

Universe: Total establishments or units covered under the ES-202 Quarterly Report of Employment and Wages.

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Selected Manufacturing Industries

TEXAS EMPLOYMENT COMMISSION
In cooperation with the U.S. Department of Labor
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TEXAS OCCUPATIONAL EMPLOYMENT STATISTICS

INDUSTRY STAFFING PATTERNS FOR SELECTED MANUFACTURING INDUSTRIES

2nd QUARTER 1986

Prepared by
Texas Employment Commission
Economic Research and Analysis
TEC Building
Austin, Texas 78778

Issued June 1988

PREFACE

This publication summarizes the results of an occupational employment survey of selected manufacturing industries in Texas.

This report is the product of a Federal-State Cooperative Program. The Bureau of Labor Statistics (BLS) developed the procedures and provided technical assistance. The Department of Labor through BLS funded the project and was responsible for the administrative aspects of the program. The Texas Employment Commission collected and analyzed the data, provided the necessary computer services, and published the findings.

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INTRODUCTION

The Occupational Employment Statistics (OES) Program is an ongoing Federal-State Cooperative Program that produces current estimates of industry staffing patterns by occupation through periodic surveys of the nonfarm wage and salary sector of the Texas economy. It consists of three parts: the OES survey, the industry-occupation matrix, and projections. This publication presents the results of the survey phase.

The program's primary purpose is to collect and summarize current occupational data by industry which will be used to measure and define occupational needs and trends. The data will also be used to refine and modify the worker-demand projections generated through the Industry-Occupation Matrix. The OES program has continued to expand and develop in order to meet the changing needs of data users, such as companies considering new plant locations, business firms involved in research projects, vocational education groups developing curricula, as well as Private Industry Councils, job-seekers, guidance counselors, community leaders, chambers of commerce, students, etc.

Occupational staffing patterns are presented for selected manufacturing industries. Data was provided by Texas employers for the appropriate reference month (April, May, or June 1986).

This publication and other industry publications will be updated at three-year intervals to provide a better basis for decision-making at all levels of human resource planning and development. Other publications providing industry and occupational data are available from the Texas Employment Commission upon request.

METHODOLOGY

THE SAMPLE

The sample for this survey was selected from the second quarter 1985 ES-202, Quarterly Report of Employment and Wages. The universe was stratified into three-digit Standard Industrial Classification (SIC) codes, each consisting of six employment size classes (1-9, 10-19, 20-49, 50-99, 100-249, and 250 plus). Procedures involved selecting all certainty cases (establishments having 250 or more employees). Firms with fewer than 250 employees were subject to sample selection on a random basis. Each unit was given a weight according to the proportion of firms selected in each size class.

COLLECTION PROCEDURES

The majority of the data was collected by mail. Each selected establishment received a structured schedule for their specific industry. The survey form includes instructions, occupational titles and definitions, establishment identification, and a three-digit SIC description. An open-end feature allows respondents to report occupations not listed or new emerging occupations.

Survey procedures included three follow-up mailings to nonrespondents. The telephone was used extensively to clarify data and to canvass critical nonrespondents.

SAMPLING ERROR

Relative standard error is presented for use in measuring sampling error. The relative standard error is an arithmetic measure of the precision of the estimates. It is the error that results from the difference between data obtained if the same survey methods were applied to collecting identical information from the entire population or universe.

SAMPLING ERROR (continued)

The relative error expresses the standard error of an estimate as a percentage of that estimate and creates an interval around the estimate. The total estimated employment multiplied by the relative error gives a figure which can be added to and subtracted from the estimate to obtain an upper and lower limit or interval. A level of confidence is then associated with this interval. It is based on the number of relative standard errors that were added to the estimate and is the probability that the interval will cover the true population value. An interval that is based on one relative error has a 68% level of confidence and one based on two relative errors has a level of 95%. For example, suppose an estimated employment of 500 and a relative error of 10% is given for an occupation. This means that with a 68% confidence level, the true number of workers in that occupation would fall between 450 and 550.

NONSAMPLING ERROR

Nonsampling error results from several aspects of the survey process, such as respondent error, processing errors, questionnaire design, etc. It cannot be measured with reasonable precision, therefore, survey procedures and estimating processes have been designed to minimize it.

ESTIMATING PROCEDURES

All establishments in a given estimating cell were assigned a sample weight which was the inverse of the sampling ratio. Employment for each occupation was multiplied by its establishment's sample weight and summed for all sample establishments in one cell. Summed total employment in each establishment was multiplied by that establishment's sample weight and summed for all establishments in the cell. Weighted total establishment employment was expressed as a percent of weighted summed establishment employment to form the ratio for the estimate.

ESTIMATING PROCEDURES (continued)

This was the arithmetic expression of the occupational pattern for the estimated cell. The benchmark figures for the appropriate survey month (April, May, or June 1986) were divided by the weighted total establishment employment. Each weighted reported occupational employment in the cell was multiplied by this ratio to get the estimated employment for each occupation. To aggregate across size classes, all these estimates were added to get one total estimate for each occupation.

CONSIDERATIONS IN USING THE ESTIMATES

RELATIVE ERROR

From an accuracy standpoint, the higher the relative error, the less accurate the estimate. If relative errors exceeded fifty percent (50%), the employment from these occupations was merged with the employment of a relevant "all other" category.

ROUNDING AND OCCUPATIONS WITH LESS THAN TEN EMPLOYMENT

All estimates were rounded to the nearest ten (10). The percent distribution column may not add up to one hundred percent (100%) because of the computer rounding procedure.

Occupations with employment less than ten (10) were combined with a relevant "all other" category. "N.A." means not applicable.

The employment count reflects the number of jobs and not the number of persons holding jobs.

SIC 20 FOOD/KINDRED PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	94,880	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	5,070	5.31	N.A.	N.A.
FINANCIAL MANAGERS	300	0.31	6.95	35.60
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	300	0.31	12.02	29.60
PURCHASING MANAGERS	160	0.16	16.22	22.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	590	0.62	9.86	32.80
ALL OTHER ADMINISTRATIVE MANAGERS	430	0.45	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	940	0.99	8.22	58.40
GENERAL MANAGERS AND TOP EXECUTIVES	1,490	1.57	7.93	77.20
ALL OTHER MANAGERS AND ADMINISTRATORS	860	0.90	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	3,200	3.28	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	430	0.44	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	330	0.34	11.51	30.00
ALL OTHER FINANCIAL SPECIALISTS	100	0.10	22.29	4.80
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	150	0.15	27.90	11.60
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	130	0.13	23.28	15.20
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	140	0.14	5.62	13.60
COST ESTIMATORS	20	0.02	30.98	2.40
ALL OTHER MANAGEMENT SUPPORT WORKERS	250	0.26	25.32	8.40
ENGINEERS	500	0.51	N.A.	N.A.
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	270	0.28	6.88	16.40
MECHANICAL ENGINEERS	100	0.10	18.26	12.80
ALL OTHER ENGINEERS	130	0.13	3.42	6.40
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	150	0.15	N.A.	N.A.
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	30	0.03	14.56	3.20
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	120	0.12	N.A.	N.A.
PHYSICAL SCIENTISTS	140	0.14	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	470	0.49	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	270	0.28	15.79	11.20
ALL OTHER PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	200	0.21	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	110	0.11	N.A.	N.A.
COMPUTER PROGRAMMERS	80	0.08	21.93	10.40
COMPUTER PROGRAMMER AIDES	30	0.03	35.22	4.00
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	50	0.05	11.62	8.40
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	660	0.69	N.A.	N.A.

SIC 20 FOOD/KINDRED PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SALES AND RELATED OCCUPATIONS	4,770	5.01	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	950	1.00	9.49	26.40
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	40	0.04	33.74	1.60
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	2,400	2.53	10.91	34.40
SALESPERSONS, RETAIL	700	0.73	25.33	7.60
CASHIERS	480	0.50	24.19	10.80
ALL OTHER SALES AND RELATED WORKERS	200	0.21	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	9,080	9.45	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	480	0.50	9.79	40.40
ADJUSTMENT CLERKS	110	0.11	15.30	11.20
SECRETARIES	1,270	1.33	6.45	61.20
RECEPTIONISTS AND INFORMATION CLERKS	170	0.17	8.40	26.80
TYPISTS	130	0.13	13.74	10.00
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	150	0.15	7.54	22.00
FILE CLERKS	50	0.05	24.66	6.40
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	270	0.28	13.54	21.20
PROCUREMENT CLERKS	120	0.12	22.00	12.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,610	1.69	6.89	52.40
PAYROLL AND TIMEKEEPING CLERKS	240	0.25	7.58	34.40
BILLING, COST AND RATE CLERKS	130	0.13	15.71	14.40
GENERAL OFFICE CLERKS	1,150	1.21	10.89	40.40
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	670	0.69	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	120	0.12	19.32	8.00
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	190	0.20	10.52	17.20
DATA ENTRY KEYERS, EXCEPT COMPOSING	290	0.30	10.46	24.80
ALL OTHER OFFICE MACHINE OPERATORS	70	0.07	6.82	2.00
SWITCHBOARD OPERATORS	110	0.11	9.58	22.40
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	2,210	2.31	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	250	0.26	13.94	18.40
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	260	0.27	17.37	11.60
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	590	0.62	12.60	31.20
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	990	1.04	14.18	39.60
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	120	0.12	46.37	5.60

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	210	0.22	N.A.	N.A.
SERVICE OCCUPATIONS	2,720	2.84	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	290	0.30	22.47	18.80
GUARDS AND WATCH GUARDS	310	0.32	14.14	16.40
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	40	0.04	36.34	3.60
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	2,030	2.13	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	1,790	1.88	7.78	46.80
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	240	0.25	20.07	11.60
ALL OTHER SERVICE WORKERS	50	0.05	42.20	2.80
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	940	0.97	N.A.	N.A.
FIRST LINE SUPERVISORS-AGRICULTURAL, FORESTRY, FISHING, & RELATED OCCUPATIONS	160	0.16	24.42	6.80
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS	350	0.36	47.35	5.20
FARM EQUIPMENT OPERATORS	60	0.06	31.49	3.60
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	370	0.39	27.72	2.80
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	69,100	72.55	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	4,040	4.23	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	500	0.52	9.19	38.80
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	2,760	2.90	6.39	64.40
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	420	0.44	11.35	29.20
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	320	0.33	13.03	21.20
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	40	0.04	14.95	5.20
PRECISION INSPECTORS, TESTERS, AND GRADERS	70	0.07	34.51	2.80
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	1,000	1.05	10.86	23.60
MACHINERY MAINTENANCE MECHANICS	2,180	2.29	7.72	43.20
MILLWRIGHTS	20	0.02	34.33	1.20
MACHINERY MAINTENANCE WORKERS	300	0.31	13.31	13.20
MAINTENANCE REPAIRERS, GENERAL UTILITY	1,640	1.72	10.74	36.40

SIC 20 FOOD/KINDRED PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
AUTOMOTIVE MECHANICS	300	0.31	20.34	15.20
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	680	0.71	10.58	23.20
FARM EQUIPMENT MECHANICS	50	0.05	35.66	2.00
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	140	0.14	21.51	11.20
PRECISION INSTRUMENT REPAIRERS	50	0.05	19.57	3.20
COIN AND VENDING MACHINE SERVICERS AND REPAIRERS	520	0.54	15.79	6.80
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	110	0.11	23.55	5.20
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	440	0.45	N.A.	N.A.
CARPENTERS	40	0.04	20.51	5.60
ELECTRICIANS	290	0.30	11.23	19.60
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	80	0.08	10.95	9.60
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	30	0.03	19.53	2.80
PRECISION METAL WORKERS	110	0.11	N.A.	N.A.
PRECISION FOOD WORKERS	6,740	7.08	N.A.	N.A.
SLAUGHTERERS AND BUTCHERS	4,420	4.65	21.53	6.80
BAKERS, MANUFACTURING	1,210	1.27	24.35	7.60
FOOD BATCHMAKERS	820	0.86	26.98	12.80
ALL OTHER PRECISION FOOD AND TOBACCO WORKERS	290	0.30	15.57	2.00
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	13,970	14.68	N.A.	N.A.
COOKING MACHINE OPERATORS & TENDERS, FOOD & TOBACCO	1,060	1.11	22.10	14.80
ROASTING, BAKING, AND DRYING MACHINE OPERATORS AND TENDERS, FOOD AND TOBACCO	610	0.64	17.46	11.20
BOILER OPERATORS AND TENDERS, LOW PRESSURE	80	0.08	23.72	6.80
COOLING AND FREEZING EQUIPMENT OPERATORS AND TENDERS	370	0.39	24.20	10.00
DAIRY PROCESSING EQUIPMENT OPERATORS, INCLUDING SETTERS	390	0.41	20.71	6.40
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	780	0.82	30.23	7.60
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	230	0.24	20.81	7.60
SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE OPERATORS AND TENDERS	400	0.42	18.16	9.20
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	2,070	2.18	19.81	32.00
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE SETTERS AND SET-UP OPERATORS	50	0.05	29.91	2.80
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	440	0.46	22.76	10.80
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	6,940	7.31	10.63	46.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	220	0.23	N.A.	N.A.

SIC 20 FOOD/KINDRED PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	330	0.34	13.21	9.20
OTHER HAND WORKERS, NEC	11,370	11.96	N.A.	N.A.
CANNERY WORKERS	3,450	3.63	12.95	6.40
MEAT, POULTRY, AND FISH CUTTERS AND TRIMMERS, HAND	6,030	6.35	14.38	9.60
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	100	0.10	28.14	2.80
ALL OTHER HAND WORKERS, NEC	1,790	1.88	N.A.	N.A.
PLANT AND SYSTEM WORKERS	220	0.22	N.A.	N.A.
STATIONARY ENGINEERS	110	0.11	14.91	6.40
ALL OTHER PLANT AND SYSTEM OPERATORS	110	0.11	0.00	2.00
MOTOR VEHICLE OPERATORS	10,040	10.58	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	3,730	3.93	7.48	48.80
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	1,330	1.40	16.78	24.40
DRIVER/SALES WORKERS	4,980	5.25	8.31	22.80
ALL OTHER TRANSPORTATION AND RELATED WORKERS	210	0.22	34.82	7.60
MATERIAL MOVING EQUIPMENT OPERATORS	2,420	2.53	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	1,920	2.02	5.82	36.00
CONVEYOR OPERATORS AND TENDERS	350	0.36	24.27	8.40
PUMP OPERATORS	30	0.03	29.10	2.00
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	120	0.12	30.82	3.60
HELPERS, MECHANIC AND REPAIRER	350	0.36	20.13	14.40
MACHINE FEEDERS AND OFFBEARERS	780	0.82	21.01	13.60
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	2,530	2.66	9.52	37.60
HAND PACKERS AND PACKAGERS	4,220	4.44	12.27	27.20
VEHICLE WASHERS AND EQUIPMENT CLEANERS	350	0.36	18.18	14.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	4,250	4.48	11.66	34.80

SIC 201 MEAT PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	26,050	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	940	3.57	N.A.	N.A.
FINANCIAL MANAGERS	30	0.11	31.41	39.39
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	30	0.11	14.02	45.45
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	50	0.19	41.64	27.27
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	20	0.07	31.06	21.21
ALL OTHER ADMINISTRATIVE MANAGERS	20	0.07	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	190	0.72	26.37	54.55
GENERAL MANAGERS AND TOP EXECUTIVES	360	1.38	24.56	72.73
ALL OTHER MANAGERS AND ADMINISTRATORS	240	0.92	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	710	2.68	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	80	0.30	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	60	0.23	34.58	39.39
ALL OTHER FINANCIAL SPECIALISTS	20	0.07	35.62	9.09
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	30	0.11	17.12	36.36
ALL OTHER MANAGEMENT SUPPORT WORKERS	200	0.76	N.A.	N.A.
ENGINEERS	50	0.19	N.A.	N.A.
PHYSICAL SCIENTISTS	20	0.07	N.A.	N.A.
CHEMISTS, EXCEPT BIOCHEMISTS	20	0.07	40.93	9.09
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	100	0.38	N.A.	N.A.
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	20	0.07	23.14	15.15
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	210	0.80	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	330	1.25	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	20	0.07	44.69	24.24
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	210	0.80	23.01	36.36
ALL OTHER SALES AND RELATED WORKERS	100	0.38	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,480	5.57	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	100	0.38	38.35	39.39
ADJUSTMENT CLERKS	40	0.15	22.27	24.24
SECRETARIES	110	0.42	22.77	48.48
RECEPTIONISTS AND INFORMATION CLERKS	20	0.07	26.84	21.21
TYPISTS	30	0.11	34.96	21.21

SIC 201 MEAT PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TYPISTS, WORD PROCESSING EQUIPMENT	10	0.03	48.64	6.06
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	50	0.19	13.61	36.36
FILE CLERKS	10	0.03	33.79	12.12
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	40	0.15	20.84	33.33
PROCUREMENT CLERKS	20	0.07	15.89	33.33
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	230	0.88	32.53	48.48
PAYROLL AND TIMEKEEPING CLERKS	50	0.19	24.08	54.55
BILLING, COST AND RATE CLERKS	50	0.19	31.55	36.36
GENERAL OFFICE CLERKS	200	0.76	24.16	51.52
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	80	0.29	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	50	0.19	25.32	30.30
DATA ENTRY KEYERS, EXCEPT COMPOSING	20	0.07	37.39	27.27
ALL OTHER OFFICE MACHINE OPERATORS	10	0.03	N.A.	N.A.
SWITCHBOARD OPERATORS	30	0.11	13.98	42.42
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	410	1.55	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	20	0.07	44.36	12.12
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	130	0.49	22.65	42.42
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	200	0.76	23.43	48.48
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	60	0.23	N.A.	N.A.
SERVICE OCCUPATIONS	790	3.02	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	30	0.11	25.34	39.39
GUARDS AND WATCH GUARDS	120	0.46	28.56	39.39
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	600	2.30	N.A.	N.A.
ALL OTHER SERVICE WORKERS	40	0.15	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	350	1.33	N.A.	N.A.
FIRST LINE SUPERVISORS-AGRICULTURAL, FORESTRY, FISHING, & RELATED OCCUPATIONS	90	0.34	35.62	18.18
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS	30	0.11	48.51	6.06
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	230	0.88	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	21,450	82.16	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,160	4.44	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	110	0.42	30.52	51.52

SIC 201 MEAT PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	960	3.68	13.21	75.76
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	50	0.19	47.48	27.27
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	40	0.15	42.29	18.18
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	240	0.92	29.50	27.27
MACHINERY MAINTENANCE MECHANICS	520	1.99	23.63	39.39
MACHINERY MAINTENANCE WORKERS	40	0.15	41.52	15.15
MAINTENANCE REPAIRERS, GENERAL UTILITY	640	2.45	23.32	45.45
AUTOMOTIVE MECHANICS	20	0.07	44.73	18.18
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	90	0.34	28.49	27.27
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	60	0.23	25.13	36.36
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	10	0.03	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	40	0.15	N.A.	N.A.
ELECTRICIANS	40	0.15	28.12	30.30
PRECISION FOOD WORKERS	4,460	17.11	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	2,800	10.71	N.A.	N.A.
COOKING MACHINE OPERATORS & TENDERS, FOOD & TOBACCO	120	0.46	33.59	18.18
COOLING AND FREEZING EQUIPMENT OPERATORS AND TENDERS	60	0.23	36.47	15.15
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	570	2.18	37.06	21.21
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	250	0.95	37.17	15.15
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	1,360	5.21	36.87	36.36
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	30	0.11	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	410	1.57	N.A.	N.A.
OTHER HAND WORKERS, NEC	6,900	26.47	N.A.	N.A.
MEAT, POULTRY, AND FISH CUTTERS AND TRIMMERS, HAND	5,830	22.37	14.82	60.61
ALL OTHER HAND WORKERS, NEC	1,070	4.10	N.A.	N.A.
MOTOR VEHICLE OPERATORS	390	1.49	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	390	1.49	23.11	51.52
ALL OTHER TRANSPORTATION AND RELATED WORKERS	370	1.41	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	130	0.49	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	130	0.49	20.34	39.39
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	360	1.38	21.32	33.33

SIC 201 MEAT PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
HAND PACKERS AND PACKAGERS	1,910	7.32	21.77	51.52
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,300	4.98	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.03	N.A.	N.A.

SIC 202 DAIRY PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	5,420	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	300	5.55	N.A.	N.A.
FINANCIAL MANAGERS	20	0.37	20.99	32.00
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	10	0.18	20.63	24.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	40	0.74	18.04	44.00
ADMINISTRATIVE SERVICES MANAGERS	20	0.37	31.06	24.00
ALL OTHER ADMINISTRATIVE MANAGERS	20	0.37	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	70	1.30	33.10	64.00
GENERAL MANAGERS AND TOP EXECUTIVES	70	1.30	15.34	80.00
ALL OTHER MANAGERS AND ADMINISTRATORS	50	0.92	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	130	2.40	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.37	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.37	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	20	0.37	23.00	36.00
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	60	1.11	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.55	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	350	6.48	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	70	1.30	30.97	36.00
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	170	3.15	31.60	56.00
SALESPERSONS, RETAIL	50	0.92	48.97	12.00
ALL OTHER SALES AND RELATED WORKERS	60	1.11	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	760	14.05	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.37	24.03	32.00
SECRETARIES	50	0.92	20.33	72.00
RECEPTIONISTS AND INFORMATION CLERKS	20	0.37	22.15	32.00
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	30	0.55	32.28	24.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	170	3.15	18.01	72.00
PAYROLL AND TIMEKEEPING CLERKS	30	0.55	7.67	60.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	100	1.84	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	10	0.18	40.22	8.00
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	40	0.74	28.64	36.00
DATA ENTRY KEYERS, EXCEPT COMPOSING	50	0.92	37.31	32.00

SIC 202 DAIRY PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SWITCHBOARD OPERATORS	10	0.18	27.53	28.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	200	3.71	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	70	1.30	26.26	44.00
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	70	1.30	36.46	36.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	60	1.11	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	130	2.41	N.A.	N.A.
SERVICE OCCUPATIONS	70	1.29	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	40	0.74	N.A.	N.A.
ALL OTHER SERVICE WORKERS	30	0.55	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,810	70.70	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	330	6.12	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	40	0.74	18.03	36.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	210	3.90	14.60	56.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	40	0.74	30.70	32.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	40	0.74	29.54	24.00
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	30	0.55	27.03	28.00
MAINTENANCE REPAIRERS, GENERAL UTILITY	230	4.27	13.60	60.00
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	70	1.30	20.42	40.00
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	50	0.92	N.A.	N.A.
PRECISION FOOD WORKERS	60	1.11	N.A.	N.A.
FOOD BATCHMAKERS	60	1.11	34.73	28.00
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	990	18.38	N.A.	N.A.
DAIRY PROCESSING EQUIPMENT OPERATORS, INCLUDING SETTERS	390	7.24	20.86	60.00
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	440	8.17	28.68	44.00
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	160	2.97	N.A.	N.A.

SIC 202 DAIRY PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MOTOR VEHICLE OPERATORS	890	16.54	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	360	6.69	17.90	72.00
DRIVER/SALES WORKERS	530	9.85	20.79	40.00
ALL OTHER TRANSPORTATION AND RELATED WORKERS	150	2.78	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	130	2.40	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	100	1.85	24.46	32.00
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	30	0.55	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	190	3.53	32.28	28.00
HAND PACKERS AND PACKAGERS	250	4.64	32.29	28.00
VEHICLE WASHERS AND EQUIPMENT CLEANERS	50	0.92	28.50	32.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	250	4.64	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	140	2.60	N.A.	N.A.

SIC 203 CANNED & PRESERVED FRUITS & VEGETABLES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	9,300	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	350	3.73	N.A.	N.A.
FINANCIAL MANAGERS	30	0.32	33.82	33.33
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	10	0.10	37.18	29.17
PURCHASING MANAGERS	20	0.21	48.89	25.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	10	0.10	37.38	20.83
ADMINISTRATIVE SERVICES MANAGERS	50	0.54	6.61	25.00
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	10	0.10	39.13	16.67
INDUSTRIAL PRODUCTION MANAGERS	70	0.75	17.87	66.67
GENERAL MANAGERS AND TOP EXECUTIVES	110	1.18	20.26	83.33
ALL OTHER MANAGERS AND ADMINISTRATORS	40	0.43	41.53	33.33
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	170	1.82	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.21	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	30	0.32	N.A.	N.A.
ENGINEERS	40	0.43	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	80	0.86	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	100	1.07	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	70	0.75	23.73	25.00
ALL OTHER SALES AND RELATED WORKERS	30	0.32	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	590	6.31	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	40	0.43	36.64	37.50
SECRETARIES	70	0.75	26.66	58.33
RECEPTIONISTS AND INFORMATION CLERKS	20	0.21	36.20	37.50
TYPISTS	40	0.43	10.30	20.83
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.21	26.51	33.33
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	80	0.86	39.72	45.83
PAYROLL AND TIMEKEEPING CLERKS	20	0.21	48.58	33.33
GENERAL OFFICE CLERKS	50	0.54	30.46	33.33
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.21	N.A.	N.A.
SWITCHBOARD OPERATORS	10	0.10	41.08	25.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	190	2.04	N.A.	N.A.
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	40	0.43	46.64	25.00

SIC 203 CANNED & PRESERVED FRUITS & VEGETABLES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	40	0.43	35.13	29.17
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	60	0.64	43.02	41.67
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	50	0.54	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	0.32	N.A.	N.A.
SERVICE OCCUPATIONS	460	4.96	N.A.	N.A.
GUARDS AND WATCH GUARDS	30	0.32	29.29	16.67
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	350	3.78	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	260	2.81	22.54	50.00
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	90	0.97	32.52	29.17
ALL OTHER SERVICE WORKERS	80	0.86	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	340	3.67	N.A.	N.A.
FARM EQUIPMENT OPERATORS	30	0.32	44.02	16.67
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	310	3.35	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	7,290	78.72	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	240	2.59	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	40	0.43	31.60	41.67
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	150	1.62	19.17	62.50
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	50	0.54	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	170	1.83	35.16	29.17
MACHINERY MAINTENANCE MECHANICS	240	2.59	24.27	50.00
MAINTENANCE REPAIRERS, GENERAL UTILITY	160	1.72	33.71	33.33
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	100	1.08	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	50	0.54	N.A.	N.A.
ELECTRICIANS	50	0.54	41.56	25.00
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,370	14.79	N.A.	N.A.
COOKING MACHINE OPERATORS & TENDERS, FOOD & TOBACCO	270	2.91	31.33	33.33
BOILER OPERATORS AND TENDERS, LOW PRESSURE	40	0.43	34.81	37.50

SIC 203 CANNED & PRESERVED FRUITS & VEGETABLES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	100	1.08	31.45	37.50
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	630	6.81	31.64	62.50
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	330	3.56	N.A.	N.A.
OTHER HAND WORKERS, NEC	3,010	32.54	N.A.	N.A.
MOTOR VEHICLE OPERATORS	80	0.86	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	80	0.86	41.79	37.50
ALL OTHER TRANSPORTATION AND RELATED WORKERS	230	2.48	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	280	3.02	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	40	0.43	23.77	8.33
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	190	2.05	23.62	45.83
HAND PACKERS AND PACKAGERS	340	3.67	48.43	29.17
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	750	8.10	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	40	0.43	N.A.	N.A.

SIC 204 GRAIN MILL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	6,390	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	440	6.83	N.A.	N.A.
FINANCIAL MANAGERS	30	0.46	20.49	25.71
PURCHASING MANAGERS	10	0.15	31.18	14.29
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.31	28.05	22.86
ADMINISTRATIVE SERVICES MANAGERS	10	0.15	35.33	11.43
ALL OTHER ADMINISTRATIVE MANAGERS	10	0.15	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	100	1.56	15.44	65.71
GENERAL MANAGERS AND TOP EXECUTIVES	200	3.12	12.72	85.71
ALL OTHER MANAGERS AND ADMINISTRATORS	60	0.93	N.A.	N.A
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	230	3.57	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	50	0.78	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	50	0.78	28.38	31.43
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	50	0.78	40.86	28.57
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.31	N.A.	N.A.
ENGINEERS	10	0.15	N.A.	N.A.
PHYSICAL SCIENTISTS	20	0.31	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	60	0.93	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	40	0.62	45.59	8.57
ALL OTHER PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	20	0.31	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.31	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	330	5.14	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	20	0.31	18.54	25.71
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	30	0.46	34.81	5.71
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	260	4.06	18.43	45.71
ALL OTHER SALES AND RELATED WORKERS	20	0.31	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	710	11.01	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	70	1.09	19.48	45.71
ADJUSTMENT CLERKS	20	0.31	28.86	14.29
SECRETARIES	140	2.18	14.55	68.57

SIC 204 GRAIN MILL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
RECEPTIONISTS AND INFORMATION CLERKS	20	0.31	34.45	20.00
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.31	25.28	11.43
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	40	0.62	24.89	22.86
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	110	1.71	14.12	62.86
PAYROLL AND TIMEKEEPING CLERKS	10	0.15	23.96	17.14
BILLING, COST AND RATE CLERKS	20	0.31	20.20	17.14
GENERAL OFFICE CLERKS	40	0.62	15.52	28.57
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	40	0.62	N.A.	N.A.
SWITCHBOARD OPERATORS	10	0.15	27.15	20.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	160	2.48	N.A.	N.A.
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	60	0.93	26.91	20.00
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	60	0.93	26.69	25.71
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	40	0.62	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	10	0.15	N.A.	N.A.
SERVICE OCCUPATIONS	220	3.42	N.A.	N.A.
GUARDS AND WATCH GUARDS	20	0.31	19.27	8.57
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	180	2.80	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	140	2.18	21.81	37.14
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	40	0.62	36.86	8.57
ALL OTHER SERVICE WORKERS	20	0.31	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	140	2.18	N.A.	N.A.
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS	60	0.93	21.80	17.14
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	80	1.25	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	4,320	67.39	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	320	4.98	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	50	0.78	15.73	37.14
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	180	2.81	14.53	60.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	60	0.93	22.88	25.71

SIC 204 GRAIN MILL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	30	0.46	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	40	0.62	30.25	11.43
MACHINERY MAINTENANCE MECHANICS	150	2.34	14.74	42.86
MACHINERY MAINTENANCE WORKERS	40	0.62	40.21	11.43
MAINTENANCE REPAIRERS, GENERAL UTILITY	140	2.18	15.94	40.00
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	20	0.31	38.72	8.57
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	40	0.62	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	20	0.31	N.A.	N.A.
ELECTRICIANS	20	0.31	20.47	22.86
PRECISION FOOD WORKERS	130	2.03	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,270	19.82	N.A.	N.A.
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	600	9.37	18.34	68.57
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	60	0.93	27.27	20.00
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	340	5.31	15.09	48.57
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	40	0.62	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	230	3.59	N.A.	N.A.
OTHER HAND WORKERS, NEC	80	1.25	N.A.	N.A.
MOTOR VEHICLE OPERATORS	360	5.62	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	360	5.62	15.77	60.00
ALL OTHER TRANSPORTATION AND RELATED WORKERS	200	3.12	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	300	4.68	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	220	3.43	16.80	42.86
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	80	1.25	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	50	0.78	24.81	8.57
MACHINE FEEDERS AND OFFBEARERS	50	0.78	43.70	14.29
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	420	6.56	17.86	45.71
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	650	10.15	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	40	0.62	N.A.	N.A.

SIC 205 BAKERY PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	10,960	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	460	4.17	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	60	0.54	35.68	35.71
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	90	0.82	29.71	42.86
ALL OTHER ADMINISTRATIVE MANAGERS	70	0.63	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	50	0.45	27.69	46.43
GENERAL MANAGERS AND TOP EXECUTIVES	110	1.00	10.66	78.57
ALL OTHER MANAGERS AND ADMINISTRATORS	80	0.73	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	180	1.64	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	100	0.91	36.75	10.71
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	80	0.73	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,290	11.76	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	260	2.37	24.36	32.14
SALESPERSONS, RETAIL	340	3.10	35.43	17.86
CASHIERS	410	3.74	28.47	42.86
ALL OTHER SALES AND RELATED WORKERS	280	2.55	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	810	7.33	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	50	0.45	20.59	46.43
SECRETARIES	50	0.45	18.82	42.86
RECEPTIONISTS AND INFORMATION CLERKS	20	0.18	38.09	25.00
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.18	25.94	28.57
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	30	0.27	45.68	14.29
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	120	1.09	21.95	42.86
PAYROLL AND TIMEKEEPING CLERKS	30	0.27	16.95	39.29
GENERAL OFFICE CLERKS	150	1.37	22.43	53.57
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	60	0.54	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	40	0.36	30.09	25.00
ALL OTHER OFFICE MACHINE OPERATORS	20	0.18	N.A.	N.A.
SWITCHBOARD OPERATORS	10	0.09	43.58	17.86
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	200	1.81	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	40	0.36	31.34	28.57
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	100	0.91	22.15	35.71

SIC 205 BAKERY PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	60	0.54	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	70	0.63	N.A.	N.A.
SERVICE OCCUPATIONS	590	5.38	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	90	0.82	27.50	28.57
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	480	4.38	N.A.	N.A.
ALL OTHER SERVICE WORKERS	20	0.18	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	7,630	69.61	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	310	2.81	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	40	0.36	25.53	28.57
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	210	1.91	17.93	57.14
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	60	0.54	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	60	0.54	42.37	17.86
MACHINERY MAINTENANCE MECHANICS	270	2.46	18.22	39.29
MACHINERY MAINTENANCE WORKERS	20	0.18	40.27	14.29
AUTOMOTIVE MECHANICS	90	0.82	26.31	21.43
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	130	1.18	21.03	32.14
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	110	1.00	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	20	0.18	N.A.	N.A.
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	20	0.18	26.06	17.86
PRECISION FOOD WORKERS	1,310	11.97	N.A.	N.A.
BAKERS, MANUFACTURING	1,080	9.87	26.41	57.14
ALL OTHER PRECISION FOOD AND TOBACCO WORKERS	230	2.10	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,280	11.67	N.A.	N.A.
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	50	0.45	40.05	17.86
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	240	2.19	23.91	28.57
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	560	5.11	37.72	32.14
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	20	0.18	N.A.	N.A.

SIC 205 BAKERY PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	410	3.74	N.A.	N.A.
OTHER HAND WORKERS, NEC	370	3.38	N.A.	N.A.
MOTOR VEHICLE OPERATORS	1,380	12.61	N.A.	N.A.
DRIVER/SALES WORKERS	1,380	12.61	21.14	46.43
ALL OTHER TRANSPORTATION AND RELATED WORKERS	760	6.94	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	40	0.36	38.63	14.29
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	280	2.55	23.86	39.29
HAND PACKERS AND PACKAGERS	250	2.28	35.51	14.29
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	790	7.22	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	160	1.46	N.A.	N.A.

SIC 206 SUGAR AND CONFECTIONERY PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,910	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	150	5.13	N.A.	N.A.
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.68	3.32	22.22
ALL OTHER ADMINISTRATIVE MANAGERS	40	1.37	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	1.03	13.20	50.00
GENERAL MANAGERS AND TOP EXECUTIVES	40	1.37	17.41	66.67
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.68	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	130	4.45	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.68	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	10	0.34	N.A.	N.A.
ENGINEERS	30	1.03	N.A.	N.A.
PHYSICAL SCIENTISTS	10	0.34	N.A.	N.A.
CHEMISTS, EXCEPT BIOCHEMISTS	10	0.34	13.26	16.67
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	60	2.06	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	130	4.45	N.A.	N.A.
SALESPERSONS, RETAIL	50	1.71	30.86	22.22
ALL OTHER SALES AND RELATED WORKERS	80	2.74	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	240	8.23	N.A.	N.A.
SECRETARIES	40	1.37	10.78	61.11
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	10	0.34	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	80	2.74	N.A.	N.A.
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	30	1.03	13.14	50.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	50	1.71	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	110	3.78	N.A.	N.A.
SERVICE OCCUPATIONS	90	3.07	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	70	2.39	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	50	1.71	7.45	44.44
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.68	47.23	5.56
ALL OTHER SERVICE WORKERS	20	0.68	N.A.	N.A.

SIC 206 SUGAR AND CONFECTIONERY PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	50	1.71	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,120	72.77	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	110	3.77	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	70	2.40	12.02	66.67
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	40	1.37	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	10	0.34	25.66	11.11
MECHANICS, INSTALLERS, AND REPAIRERS	140	4.81	N.A.	N.A.
PRECISION METAL WORKERS	20	0.68	N.A.	N.A.
MACHINISTS	20	0.68	28.55	16.67
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	790	27.12	N.A.	N.A.
ROASTING, BAKING, AND DRYING MACHINE OPERATORS AND TENDERS, FOOD AND TOBACCO	20	0.68	36.57	22.22
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	80	2.74	25.54	44.44
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	20	0.68	18.90	22.22
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	670	23.02	N.A.	N.A.
OTHER HAND WORKERS, NEC	40	1.37	N.A.	N.A.
PLANT AND SYSTEM WORKERS	20	0.68	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	90	3.09	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	100	3.43	8.15	33.33
HAND PACKERS AND PACKAGERS	110	3.78	36.04	38.89
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	210	7.21	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	480	16.49	N.A.	N.A.

SIC 207 FATS AND OILS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,660	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	220	6.05	N.A.	N.A.
FINANCIAL MANAGERS	20	0.55	33.99	25.00
ALL OTHER ADMINISTRATIVE MANAGERS	50	1.38	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	60	1.65	18.08	65.00
GENERAL MANAGERS AND TOP EXECUTIVES	80	2.20	28.60	70.00
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.27	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	110	3.02	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	40	1.10	N.A.	N.A.
ENGINEERS	10	0.27	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	60	1.65	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	20	0.55	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	290	7.97	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.55	35.26	35.00
SECRETARIES	30	0.82	34.58	50.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	30	0.82	27.85	45.00
PAYROLL AND TIMEKEEPING CLERKS	10	0.27	19.32	30.00
GENERAL OFFICE CLERKS	40	1.10	25.71	45.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.55	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	120	3.31	N.A.	N.A.
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	20	0.55	37.56	20.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	100	2.76	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	20	0.55	N.A.	N.A.
SERVICE OCCUPATIONS	80	2.20	N.A.	N.A.
GUARDS AND WATCH GUARDS	20	0.55	43.77	20.00
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	50	1.38	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	50	1.38	39.52	35.00
ALL OTHER SERVICE WORKERS	10	0.27	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	50	1.38	N.A.	N.A.

SIC 207 FATS AND OILS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,890	79.71	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	280	7.72	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	40	1.10	21.79	55.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	210	5.80	15.44	65.00
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	30	0.82	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	70	1.93	32.99	20.00
MACHINERY MAINTENANCE MECHANICS	120	3.31	19.80	50.00
MAINTENANCE REPAIRERS, GENERAL UTILITY	160	4.41	38.77	40.00
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	80	2.20	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	20	0.55	N.A.	N.A.
ELECTRICIANS	20	0.55	16.96	30.00
PRECISION METAL WORKERS	30	0.82	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	570	15.72	N.A.	N.A.
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	30	0.82	37.27	15.00
SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE OPERATORS AND TENDERS	90	2.48	42.39	25.00
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	150	4.14	36.33	55.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	40	1.10	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	260	7.18	N.A.	N.A.
OTHER HAND WORKERS, NEC	30	0.82	N.A.	N.A.
MOTOR VEHICLE OPERATORS	330	9.11	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	330	9.11	21.76	45.00
ALL OTHER TRANSPORTATION AND RELATED WORKERS	100	2.76	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	260	7.17	N.A.	N.A.
CONVEYOR OPERATORS AND TENDERS	160	4.41	36.64	35.00
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	100	2.76	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	200	5.52	28.18	35.00
VEHICLE WASHERS AND EQUIPMENT CLEANERS	40	1.10	34.94	15.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	530	14.64	N.A.	N.A.

SIC 207 FATS AND OILS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	70	1.93	N.A.	N.A.

SIC 208 BEVERAGES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	16,190	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	940	5.76	N.A.	N.A.
FINANCIAL MANAGERS	70	0.43	12.67	55.17
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	70	0.43	34.76	55.17
PURCHASING MANAGERS	50	0.30	35.32	31.03
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	250	1.54	13.94	68.97
ADMINISTRATIVE SERVICES MANAGERS	20	0.12	35.90	10.34
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	20	0.12	18.66	31.03
INDUSTRIAL PRODUCTION MANAGERS	110	0.67	18.74	58.62
GENERAL MANAGERS AND TOP EXECUTIVES	180	1.11	13.11	75.86
ALL OTHER MANAGERS AND ADMINISTRATORS	170	1.04	18.76	37.93
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	500	3.03	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	140	0.86	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	70	0.43	20.31	37.93
ALL OTHER FINANCIAL SPECIALISTS	70	0.43	30.50	17.24
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	20	0.12	15.42	17.24
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	30	0.18	15.25	31.03
ALL OTHER MANAGEMENT SUPPORT WORKERS	50	0.30	N.A.	N.A.
ENGINEERS	40	0.24	N.A.	N.A.
MECHANICAL ENGINEERS	20	0.12	36.81	10.34
ALL OTHER ENGINEERS	20	0.12	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	140	0.85	N.A.	N.A.
BIOLOGICAL, AGRICULTURAL, AND FOOD TECHNICIANS AND TECHNOLOGISTS, EXCEPT HEALTH	50	0.30	28.88	13.79
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	90	0.55	29.28	13.79
COMPUTER SCIENTISTS AND RELATED WORKERS	50	0.30	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	20	0.12	30.84	13.79
COMPUTER PROGRAMMERS	30	0.18	23.09	20.69
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.18	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,930	11.89	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	510	3.14	11.39	68.97
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	1,150	7.09	12.65	51.72
SALESPERSONS, RETAIL	90	0.55	37.92	6.90
CASHIERS	60	0.37	23.34	31.03

SIC 208 BEVERAGES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER SALES AND RELATED WORKERS	120	0.74	28.71	31.03
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,050	12.55	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	90	0.55	19.86	51.72
SECRETARIES	320	1.97	14.15	75.86
RECEPTIONISTS AND INFORMATION CLERKS	50	0.30	10.17	44.83
TYPISTS	50	0.30	27.18	27.59
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.12	13.66	31.03
FILE CLERKS	10	0.06	40.15	13.79
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	90	0.55	24.01	27.59
PROCUREMENT CLERKS	70	0.43	37.31	10.34
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	360	2.22	11.21	65.52
PAYROLL AND TIMEKEEPING CLERKS	40	0.24	9.49	41.38
BILLING, COST AND RATE CLERKS	40	0.24	29.29	20.69
GENERAL OFFICE CLERKS	280	1.72	18.85	48.28
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	180	1.10	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	60	0.37	31.93	13.79
DATA ENTRY KEYERS, EXCEPT COMPOSING	80	0.49	18.74	51.72
ALL OTHER OFFICE MACHINE OPERATORS	40	0.24	N.A.	N.A.
SWITCHBOARD OPERATORS	20	0.12	16.20	34.48
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	380	2.33	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	70	0.43	18.57	27.59
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	80	0.49	34.46	20.69
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	170	1.04	27.58	55.17
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	60	0.37	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	0.30	N.A.	N.A.
SERVICE OCCUPATIONS	240	1.47	N.A.	N.A.
GUARDS AND WATCH GUARDS	60	0.37	32.61	17.24
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	140	0.86	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	130	0.80	16.10	58.62
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	10	0.06	48.31	10.34
ALL OTHER SERVICE WORKERS	40	0.24	N.A.	N.A.

SIC 208 BEVERAGES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10,530	64.85	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	790	4.86	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	130	0.80	17.52	51.72
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	390	2.40	16.77	75.86
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	180	1.11	20.53	55.17
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	90	0.55	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	170	1.04	20.51	34.48
MACHINERY MAINTENANCE MECHANICS	260	1.60	20.69	48.28
MACHINERY MAINTENANCE WORKERS	40	0.24	24.20	24.14
MAINTENANCE REPAIRERS, GENERAL UTILITY	130	0.80	14.59	31.03
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	260	1.60	21.69	37.93
COIN AND VENDING MACHINE SERVICERS AND REPAIRERS	440	2.71	13.77	51.72
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	170	1.04	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	110	0.67	N.A.	N.A.
ELECTRICIANS	70	0.43	27.32	27.59
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	40	0.24	14.85	34.48
PRECISION METAL WORKERS	20	0.12	N.A.	N.A.
MACHINISTS	20	0.12	40.10	3.45
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	2,000	12.33	N.A.	N.A.
COOKING MACHINE OPERATORS & TENDERS, FOOD & TOBACCO	10	0.06	38.43	3.45
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	70	0.43	41.01	10.34
SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE OPERATORS AND TENDERS	80	0.49	24.96	10.34
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	1,740	10.74	15.41	72.41
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	100	0.61	N.A.	N.A.
PLANT AND SYSTEM WORKERS	40	0.24	N.A.	N.A.
STATIONARY ENGINEERS	40	0.24	28.31	10.34
MOTOR VEHICLE OPERATORS	3,850	23.76	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	1,220	7.53	15.57	51.72
DRIVER/SALES WORKERS	2,630	16.23	9.08	68.97

SIC 208 BEVERAGES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER TRANSPORTATION AND RELATED WORKERS	230	1.41	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	1,030	6.35	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	930	5.74	8.43	62.07
PUMP OPERATORS	20	0.12	38.49	3.45
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	80	0.49	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	100	0.61	46.82	24.14
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	220	1.35	26.03	27.59
HAND PACKERS AND PACKAGERS	160	0.98	25.68	24.14
VEHICLE WASHERS AND EQUIPMENT CLEANERS	20	0.12	28.89	17.24
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	370	2.28	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	120	0.74	N.A.	N.A.

SIC 209 . MISC FOOD PREPARATIONS AND KINDRD PROD
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	14,030	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,300	9.21	N.A.	N.A.
FINANCIAL MANAGERS	60	0.42	15.75	26.32
ALL OTHER ADMINISTRATIVE MANAGERS	440	3.12	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	250	1.77	16.11	55.26
GENERAL MANAGERS AND TOP EXECUTIVES	350	2.48	17.71	76.32
ALL OTHER MANAGERS AND ADMINISTRATORS	200	1.42	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,070	7.57	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	70	0.49	N.A.	N.A.
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	10	0.07	26.64	10.53
ALL OTHER MANAGEMENT SUPPORT WORKERS	170	1.20	N.A.	N.A.
ENGINEERS	300	2.12	N.A.	N.A.
MECHANICAL ENGINEERS	40	0.28	39.56	18.42
ALL OTHER ENGINEERS	260	1.84	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	520	3.69	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	310	2.19	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	180	1.27	39.39	26.32
ALL OTHER SALES AND RELATED WORKERS	130	0.92	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,160	15.30	N.A.	N.A.
SECRETARIES	450	3.19	11.93	68.42
RECEPTIONISTS AND INFORMATION CLERKS	30	0.21	18.43	28.95
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.14	15.76	21.05
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	140	0.99	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	10	0.07	42.80	7.89
ALL OTHER OFFICE MACHINE OPERATORS	130	0.92	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	480	3.39	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	30	0.21	19.47	23.68
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	270	1.91	41.62	42.11
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	180	1.27	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	1,040	7.38	N.A.	N.A.
SERVICE OCCUPATIONS	180	1.27	N.A.	N.A.

SIC 209 MISC FOOD PREPARATIONS AND KINDRD PROD
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	20	0.14	34.43	13.16
GUARDS AND WATCH GUARDS	40	0.28	23.62	21.05
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	120	0.85	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	100	0.71	22.54	23.68
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.14	27.97	23.68
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	9,010	63.85	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	520	3.67	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	50	0.35	8.55	28.95
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	380	2.69	19.72	60.53
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	30	0.21	24.01	28.95
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	40	0.28	14.46	26.32
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.14	18.14	18.42
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	200	1.42	12.44	28.95
MACHINERY MAINTENANCE MECHANICS	390	2.76	14.48	39.47
MAINTENANCE REPAIRERS, GENERAL UTILITY	140	0.99	11.79	36.84
AUTOMOTIVE MECHANICS	20	0.14	41.46	10.53
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	50	0.35	12.67	26.32
PRECISION INSTRUMENT REPAIRERS	10	0.07	0.00	2.63
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	100	0.71	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	40	0.28	N.A.	N.A.
ELECTRICIANS	40	0.28	13.12	15.79
PRECISION FOOD WORKERS	470	3.33	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	2,860	20.28	N.A.	N.A.
COOKING MACHINE OPERATORS & TENDERS, FOOD & TOBACCO	450	3.19	41.06	31.58
ROASTING, BAKING, AND DRYING MACHINE OPERATORS AND TENDERS, FOOD AND TOBACCO	120	0.85	46.12	7.89
SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE OPERATORS AND TENDERS	50	0.35	4.52	7.89

SIC 209 MISC FOOD PREPARATIONS AND KINDRD PROD
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	1,340	9.51	25.40	44.74
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	140	0.99	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	760	5.39	N.A.	N.A.
OTHER HAND WORKERS, NEC	860	6.10	N.A.	N.A.
PLANT AND SYSTEM WORKERS	120	0.85	N.A.	N.A.
MOTOR VEHICLE OPERATORS	590	4.18	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	300	2.13	42.20	36.84
DRIVER/SALES WORKERS	290	2.05	40.09	18.42
ALL OTHER TRANSPORTATION AND RELATED WORKERS	250	1.77	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	110	0.78	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	30	0.21	42.59	15.79
MACHINE FEEDERS AND OFFBEARERS	110	0.78	39.63	18.42
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	590	4.19	29.46	44.74
HAND PACKERS AND PACKAGERS	1,060	7.52	19.55	34.21
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	480	3.40	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.07	N.A.	N.A.

SIC 22 TEXTILE MILL PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,570	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	130	3.59	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	20	0.55	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	0.83	16.15	52.94
GENERAL MANAGERS AND TOP EXECUTIVES	60	1.66	11.70	61.76
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.55	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	60	1.65	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	10	0.27	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	50	1.38	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	20	0.55	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	20	0.55	26.34	20.59
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	300	8.29	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10	0.27	23.75	23.53
SECRETARIES	40	1.11	15.65	55.88
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	30	0.83	15.28	47.06
GENERAL OFFICE CLERKS	30	0.83	15.03	32.35
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.55	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	120	3.32	N.A.	N.A.
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	30	0.83	18.21	11.76
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	30	0.83	9.28	26.47
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	40	1.11	11.70	38.24
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.55	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	1.38	N.A.	N.A.
SERVICE OCCUPATIONS	60	1.65	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	50	1.38	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	50	1.38	3.45	35.29
ALL OTHER SERVICE WORKERS	10	0.27	N.A.	N.A.

SIC 22 TEXTILE MILL PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,000	83.18	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	180	5.00	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	10	0.27	0.00	8.82
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	150	4.16	3.00	41.18
MACHINERY MAINTENANCE MECHANICS	110	3.05	N.A.	N.A.
MAINTENANCE REPAIRERS, GENERAL UTILITY	50	1.38	8.37	26.47
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	60	1.66	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	20	0.55	N.A.	N.A.
ELECTRICIANS	20	0.55	0.70	17.65
PRECISION METAL WORKERS	10	0.27	N.A.	N.A.
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	20	0.55	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,510	41.88	N.A.	N.A.
TEXTILE MACHINE OPERATORS AND TENDERS- WINDING, TWISTING, KNITTING, WEAVING, AND CUTTING	740	20.55	2.75	50.00
EXTRUDING AND FORMING MACHINE OPERATORS AND TENDERS, SYNTHETIC OR GLASS FIBERS	50	1.38	0.00	8.82
TEXTILE DRAW-OUT MACHINE OPERATORS AND TENDERS	60	1.66	0.00	17.65
TEXTILE BLEACHING & DYEING MACHINE OPERATORS & TENDERS	70	1.94	4.53	11.76
SEWING MACHINE OPERATORS, GARMENT	90	2.50	11.89	11.76
SEWING MACHINE OPERATORS, NON-GARMENT	100	2.77	28.68	29.41
PRESSING MACHINE OPERATORS AND TENDERS- TEXTILE, GARMENT, AND RELATED MATERIALS	20	0.55	0.00	8.82
BOILER OPERATORS AND TENDERS, LOW PRESSURE	10	0.27	13.49	11.76
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	120	3.33	16.81	29.41
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	150	4.16	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	100	2.77	N.A.	N.A.
OTHER HAND WORKERS, NEC	110	3.05	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	50	1.38	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	40	1.11	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	10	0.27	2.20	8.82
MACHINE FEEDERS AND OFFBEARERS	260	7.22	9.43	38.24
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	130	3.61	4.25	32.35

SIC 22 TEXTILE MILL PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
HAND PACKERS AND PACKAGERS	90	2.50	5.44	32.35
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	170	4.72	17.38	20.59
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.55	N.A.	N.A.

SIC 221 BROAD WOVEN FABRIC MILLS, COTTON
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,850	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	70	3.72	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	10	0.53	0.00	57.14
GENERAL MANAGERS AND TOP EXECUTIVES	20	1.06	12.96	71.43
ALL OTHER MANAGERS AND ADMINISTRATORS	40	2.13	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	50	2.67	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	110	5.86	N.A.	N.A.
SECRETARIES	10	0.53	9.97	0.00
TYPISTS	10	0.53	0.00	14.29
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	50	2.67	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	2.13	N.A.	N.A.
SERVICE OCCUPATIONS	40	2.13	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	30	1.60	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	30	1.60	0.00	57.14
ALL OTHER SERVICE WORKERS	10	0.53	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,580	84.36	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	120	6.41	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	80	4.27	0.00	57.14
MACHINERY MAINTENANCE MECHANICS	60	3.20	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, TEXTILE MACHINES	60	3.20	0.00	57.14
MACHINERY MAINTENANCE WORKERS	50	2.67	0.00	57.14
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	40	2.13	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	20	1.06	N.A.	N.A.
ELECTRICIANS	20	1.06	0.00	57.14
PRECISION METAL WORKERS	10	0.53	N.A.	N.A.
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	10	0.53	N.A.	N.A.

SIC 221 BROAD WOVEN FABRIC MILLS, COTTON
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FABRIC AND APPAREL PATTERNMAKERS, AND LAYOUT WORKERS	10	0.53	24.39	42.86
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	770	41.14	N.A.	N.A.
TEXTILE DRAW-OUT MACHINE OPERATORS AND TENDERS	50	2.67	0.00	42.86
TEXTILE BLEACHING & DYEING MACHINE OPERATORS & TENDERS	50	2.67	0.00	28.57
SEWING MACHINE OPERATORS, NON-GARMENT	20	1.06	36.82	42.86
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	20	1.06	0.00	14.29
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	80	4.27	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	550	29.41	N.A.	N.A.
OTHER HAND WORKERS, NEC	20	1.06	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	10	0.53	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	10	0.53	0.00	28.57
MACHINE FEEDERS AND OFFBEARERS	180	9.62	0.00	57.14
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	90	4.81	0.00	57.14
HAND PACKERS AND PACKAGERS	30	1.60	0.00	28.57
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	60	3.20	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	30	1.60	N.A.	N.A.

SIC 23 APPAREL AND OTHER TEXTILE PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	54,430	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,600	2.89	N.A.	N.A.
FINANCIAL MANAGERS	130	0.23	24.52	19.88
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	80	0.14	15.24	18.67
PURCHASING MANAGERS	90	0.16	20.31	17.47
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	80	0.14	19.23	12.05
ADMINISTRATIVE SERVICES MANAGERS	60	0.11	25.58	9.64
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	40	0.07	38.39	4.82
INDUSTRIAL PRODUCTION MANAGERS	350	0.64	11.78	43.37
GENERAL MANAGERS AND TOP EXECUTIVES	690	1.26	15.63	60.84
ALL OTHER MANAGERS AND ADMINISTRATORS	80	0.14	32.04	9.04
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	820	1.44	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	60	0.11	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	40	0.07	25.94	9.04
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.03	17.89	7.23
COST ESTIMATORS	30	0.05	25.55	5.42
ALL OTHER MANAGEMENT SUPPORT WORKERS	10	0.01	48.00	1.81
ENGINEERS	160	0.29	N.A.	N.A.
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	100	0.18	17.27	17.47
ALL OTHER ENGINEERS	60	0.11	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	100	0.17	N.A.	N.A.
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	70	0.12	22.03	9.04
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	30	0.05	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	90	0.15	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	30	0.05	44.95	3.61
COMPUTER PROGRAMMERS	40	0.07	23.29	9.04
COMPUTER PROGRAMMER AIDES	20	0.03	21.94	4.22
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	20	0.03	34.84	4.22
DESIGNERS, EXCEPT INTERIOR DESIGNERS	170	0.31	33.41	16.27
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	120	0.22	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,290	2.35	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	90	0.16	24.71	10.84
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	640	1.17	18.09	17.47

SIC 23 APPAREL AND OTHER TEXTILE PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SALESPERSONS, RETAIL	460	0.84	24.97	20.48
ALL OTHER SALES AND RELATED WORKERS	100	0.18	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	4,750	8.59	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	200	0.36	16.73	27.71
ADJUSTMENT CLERKS	180	0.33	26.27	10.24
SECRETARIES	420	0.77	14.26	46.99
RECEPTIONISTS AND INFORMATION CLERKS	60	0.11	19.57	15.66
TYPISTS	20	0.03	31.57	4.22
TYPISTS, WORD PROCESSING EQUIPMENT	20	0.03	20.93	3.01
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	90	0.16	9.21	18.07
FILE CLERKS	70	0.12	25.98	9.64
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	310	0.56	30.02	17.47
PROCUREMENT CLERKS	20	0.03	31.82	4.82
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	270	0.49	19.82	31.33
PAYROLL AND TIMEKEEPING CLERKS	230	0.42	8.63	30.12
BILLING, COST AND RATE CLERKS	70	0.12	9.68	10.84
GENERAL OFFICE CLERKS	480	0.88	19.35	34.94
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	350	0.63	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	90	0.16	26.55	13.25
DATA ENTRY KEYERS, EXCEPT COMPOSING	150	0.27	16.57	15.66
ALL OTHER OFFICE MACHINE OPERATORS	110	0.20	N.A.	N.A.
SWITCHBOARD OPERATORS	50	0.09	17.35	12.65
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,760	3.19	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	260	0.47	13.58	19.88
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	30	0.05	13.09	4.82
MARKING CLERKS	70	0.12	19.56	8.43
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	460	0.84	23.09	30.72
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	740	1.35	9.50	42.17
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	200	0.36	25.31	8.43
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	150	0.27	N.A.	N.A.
SERVICE OCCUPATIONS	640	1.15	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	60	0.11	17.76	4.82
GUARDS AND WATCH GUARDS	70	0.12	19.68	10.24
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	450	0.81	N.A.	N.A.

SIC 23 APPAREL AND OTHER TEXTILE PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	440	0.80	8.60	46.99
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	10	0.01	30.52	2.41
ALL OTHER SERVICE WORKERS	60	0.11	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	45,330	83.08	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,760	3.21	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	140	0.25	10.69	22.29
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	1,360	2.49	6.41	60.24
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	40	0.07	34.79	4.22
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	100	0.18	28.07	9.04
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	120	0.22	27.45	4.82
PRECISION INSPECTORS, TESTERS, AND GRADERS	310	0.56	22.43	9.64
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	1,670	3.06	10.70	40.96
MACHINERY MAINTENANCE MECHANICS	730	1.33	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, SEWING MACHINES	640	1.17	5.96	34.94
ALL OTHER MACHINERY MAINTENANCE MECHANICS	90	0.16	N.A.	N.A.
MACHINERY MAINTENANCE WORKERS	50	0.09	32.02	5.42
MAINTENANCE REPAIRERS, GENERAL UTILITY	190	0.34	9.55	20.48
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	10	0.01	27.77	2.41
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	530	0.97	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	20	0.03	N.A.	N.A.
CARPENTERS	20	0.03	43.78	2.41
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	1,300	2.38	N.A.	N.A.
FABRIC AND APPAREL PATTERNMAKERS, AND LAYOUT WORKERS	470	0.86	13.39	28.31
SHOE AND LEATHER WORKERS AND REPAIRERS- PRECISION	180	0.33	26.17	2.41
ALL OTHER PRECISION TEXTILE, APPAREL, & FURNISHINGS WORKERS	650	1.19	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	40	0.07	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	32,590	59.85	N.A.	N.A.

SIC 23 APPAREL AND OTHER TEXTILE PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRINTING AND RELATED SETTERS AND SET-UP OPERATORS	180	0.33	N.A.	N.A.
PRINTING AND RELATED MACHINE OPERATORS AND TENDERS	30	0.05	N.A.	N.A.
SEWING MACHINE OPERATORS, GARMENT	26,930	49.48	3.56	62.65
SEWING MACHINE OPERATORS, NON-GARMENT	2,460	4.52	18.64	16.87
LAUNDRY AND DRYCLEANING MACHINE OPERATORS AND TENDERS, EXCEPT PRESSING	100	0.18	35.87.	3.61
PRESSING MACHINE OPERATORS AND TENDERS- TEXTILE, GARMENT, AND RELATED MATERIALS	1,830	3.36	10.79	31.33
CUTTING & SLICING MACHINE SETTERS & SET-UP OPERATORS	80	0.14	27.04	4.22
CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS	20	0.03	48.46	1.20
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	230	0.42	42.55	4.22
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	110	0.20	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	830	1.52	N.A.	N.A.
OTHER HAND WORKERS, NEC	2,640	4.83	N.A.	N.A.
PRESSERS, HAND	330	0.60	31.03	12.05
CUTTERS AND TRIMMERS, HAND	1,050	1.92	10.43	31.33
PORTABLE MACHINE CUTTERS	550	1.01	13.07	27.11
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	280	0.51	34.26	10.24
ALL OTHER HAND WORKERS, NEC	430	0.79	N.A.	N.A.
MOTOR VEHICLE OPERATORS	90	0.16	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	90	0.16	28.43	10.24
ALL OTHER TRANSPORTATION AND RELATED WORKERS	60	0.11	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	170	0.30	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	100	0.18	20.43	9.04
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	70	0.12	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	20	0.03	45.65	2.41
MACHINE FEEDERS AND OFFBEARERS	320	0.58	39.66	7.83
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	880	1.61	11.60	28.92
HAND PACKERS AND PACKAGERS	940	1.72	9.38	31.93
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	770	1.41	19.58	19.88
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	30	0.05	N.A.	N.A.

SIC 232 MEN & BOY FURNSHG, WORK CL & ALLIED GR
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	26,070	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	390	1.47	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.07	21.47	32.35
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.07	38.46	11.76
ALL OTHER ADMINISTRATIVE MANAGERS	30	0.11	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	60	0.23	18.88	50.00
GENERAL MANAGERS AND TOP EXECUTIVES	220	0.84	36.46	70.59
ALL OTHER MANAGERS AND ADMINISTRATORS	40	0.15	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	330	1.22	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.07	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.07	N.A.	N.A.
ENGINEERS	90	0.33	N.A.	N.A.
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	70	0.26	25.44	35.29
MECHANICAL ENGINEERS	20	0.07	31.67	11.76
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	70	0.26	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	130	0.49	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	210	0.79	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	30	0.11	29.27	20.59
SALESPERSONS, RETAIL	100	0.38	24.43	38.24
ALL OTHER SALES AND RELATED WORKERS	80	0.30	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,890	7.16	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	40	0.15	12.86	41.18
SECRETARIES	90	0.34	17.73	47.06
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	60	0.23	9.18	47.06
FILE CLERKS	20	0.07	18.41	20.59
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	30	0.11	26.94	20.59
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	60	0.23	36.77	26.47
PAYROLL AND TIMEKEEPING CLERKS	100	0.38	12.06	50.00
GENERAL OFFICE CLERKS	240	0.92	32.93	52.94
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	140	0.52	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	10	0.03	20.02	14.71
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	50	0.19	41.70	26.47
DATA ENTRY KEYERS, EXCEPT COMPOSING	80	0.30	20.77	29.41

SIC 232 MEN & BOY FURNSHG, WORK CL & ALLIED GR
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SWITCHBOARD OPERATORS	10	0.03	19.21	20.59
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	860	3.26	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	90	0.34	10.94	32.35
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	20	0.07	19.32	14.71
MARKING CLERKS	40	0.15	28.49	20.59
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	260	0.99	38.58	47.06
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	310	1.18	9.34	61.76
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	140	0.53	34.35	23.53
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	240	0.92	N.A.	N.A.
SERVICE OCCUPATIONS	300	1.13	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	40	0.15	0.00	11.76
GUARDS AND WATCH GUARDS	40	0.15	21.26	23.53
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	210	0.80	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.03	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	22,950	87.96	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	830	3.17	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	620	2.37	6.70	70.59
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	30	0.11	35.62	14.71
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	180	0.69	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	1,020	3.91	14.97	61.76
MECHANICS, INSTALLERS, AND REPAIRERS	570	2.18	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	440	1.68	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, SEWING MACHINES	420	1.61	7.29	67.65
ALL OTHER MACHINERY MAINTENANCE MECHANICS	20	0.07	43.93	8.82
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	240	0.92	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	17,290	66.32	N.A.	N.A.
SEWING MACHINE OPERATORS, GARMENT	16,270	62.43	3.64	88.24
LAUNDRY AND DRYCLEANING MACHINE OPERATORS AND TENDERS, EXCEPT PRESSING	80	0.30	46.59	8.82

SIC 232 MEN & BOY FURNSHG, WORK CL & ALLIED GR
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRESSING MACHINE OPERATORS AND TENDERS- TEXTILE, GARMENT, AND RELATED MATERIALS	880	3.37	14.60	50.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	20	0.07	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	40	0.15	N.A.	N.A.
OTHER HAND WORKERS, NEC	1,000	3.82	N.A.	N.A.
PRESSERS, HAND	120	0.46	18.17	20.59
CUTTERS AND TRIMMERS, HAND	520	1.99	6.80	38.24
PORTABLE MACHINE CUTTERS	250	0.95	14.33	52.94
ALL OTHER HAND WORKERS, NEC	110	0.42	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	110	0.42	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	430	1.65	11.12	50.00
HAND PACKERS AND PACKAGERS	380	1.45	12.27	55.88
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	500	1.91	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	140	0.53	N.A.	N.A.

SIC 233 WOMEN'S, MISSES', & JRS' OUTERWEAR
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	13,870	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	480	3.42	N.A.	N.A.
FINANCIAL MANAGERS	40	0.28	35.83	17.65
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.14	49.48	14.71
PURCHASING MANAGERS	30	0.21	38.11	14.71
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.14	46.02	11.76
ALL OTHER ADMINISTRATIVE MANAGERS	20	0.14	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	150	1.08	19.78	50.00
GENERAL MANAGERS AND TOP EXECUTIVES	180	1.29	21.75	58.82
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.14	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	120	0.85	N.A.	N.A.
ENGINEERS	20	0.14	N.A.	N.A.
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	20	0.14	23.22	23.53
COMPUTER SCIENTISTS AND RELATED WORKERS	20	0.14	N.A.	N.A.
COMPUTER PROGRAMMERS	20	0.14	46.02	11.76
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	80	0.57	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	360	2.59	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	990	7.06	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	80	0.57	28.76	32.35
ADJUSTMENT CLERKS	100	0.72	43.10	11.76
SECRETARIES	100	0.72	23.28	44.12
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.14	32.33	20.59
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	0.28	47.01	17.65
PAYROLL AND TIMEKEEPING CLERKS	70	0.50	20.00	38.24
GENERAL OFFICE CLERKS	70	0.50	29.62	23.53
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	80	0.56	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	40	0.28	45.19	11.76
ALL OTHER OFFICE MACHINE OPERATORS	40	0.28	N.A.	N.A.
SWITCHBOARD OPERATORS	20	0.14	48.75	8.82
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	290	2.07	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	30	0.21	28.99	23.53
MARKING CLERKS	20	0.14	31.63	8.82
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	120	0.86	30.84	29.41

SIC 233 WOMEN'S, MISSES', & JRS' OUTERWEAR
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	120	0.86	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	120	0.86	N.A.	N.A.
SERVICE OCCUPATIONS	180	1.29	N.A.	N.A.
GUARDS AND WATCH GUARDS	20	0.14	30.98	14.71
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	110	0.79	N.A.	N.A.
ALL OTHER SERVICE WORKERS	50	0.36	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	11,740	84.67	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	450	3.24	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	340	2.45	13.63	58.82
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	110	0.79	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	190	1.37	29.76	14.71
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	460	3.32	18.55	44.12
MECHANICS, INSTALLERS, AND REPAIRERS	70	0.50	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	160	1.15	N.A.	N.A.
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	760	5.48	N.A.	N.A.
FABRIC AND APPAREL PATTERNMAKERS, AND LAYOUT WORKERS	160	1.15	26.56	32.35
ALL OTHER PRECISION TEXTILE, APPAREL, & FURNISHINGS WORKERS	600	4.33	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	8,510	61.42	N.A.	N.A.
SEWING MACHINE OPERATORS, GARMENT	6,950	50.18	9.66	76.47
PRESSING MACHINE OPERATORS AND TENDERS- TEXTILE, GARMENT, AND RELATED MATERIALS	840	6.06	17.73	52.94
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	40	0.28	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	680	4.90	N.A.	N.A.
OTHER HAND WORKERS, NEC	630	4.53	N.A.	N.A.
CUTTERS AND TRIMMERS, HAND	240	1.73	38.19	26.47
PORTABLE MACHINE CUTTERS	130	0.93	37.02	23.53
ALL OTHER HAND WORKERS, NEC	260	1.87	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	50	0.36	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	20	0.14	N.A.	N.A.

SIC 233 WOMEN'S, MISSES', & JRS' OUTERWEAR
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	190	1.37	26.75	29.41
HAND PACKERS AND PACKAGERS	90	0.64	24.63	17.65
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	160	1.15	N.A.	N.A.

SIC 234 WOMEN'S, MISSES', CHILD & INFNT UNDRGR
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,120	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	80	2.53	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	0.63	6.48	40.91
GENERAL MANAGERS AND TOP EXECUTIVES	40	1.27	5.62	63.64
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.63	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	60	1.88	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	10	0.31	N.A.	N.A.
ENGINEERS	20	0.63	N.A.	N.A.
DESIGNERS, EXCEPT INTERIOR DESIGNERS	10	0.31	9.88	27.27
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.63	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	140	4.45	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	50	1.59	10.36	13.64
SALESPERSONS, RETAIL	80	2.55	22.46	22.73
ALL OTHER SALES AND RELATED WORKERS	10	0.31	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	240	7.60	N.A.	N.A.
ADJUSTMENT CLERKS	10	0.31	11.96	13.64
SECRETARIES	20	0.63	5.14	45.45
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	10	0.31	9.04	27.27
GENERAL OFFICE CLERKS	20	0.63	10.19	31.82
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	120	3.81	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	20	0.63	7.18	31.82
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	20	0.63	10.77	31.82
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	80	2.55	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	1.91	N.A.	N.A.
SERVICE OCCUPATIONS	30	0.95	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	30	0.95	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	30	0.95	3.09	68.18
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,570	82.01	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	90	2.87	N.A.	N.A.

SIC 234 WOMEN'S, MISSES', CHILD & INFNT UNDRGR
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION INSPECTORS, TESTERS, AND GRADERS	10	0.31	14.71	22.73
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	80	2.55	6.14	63.64
MACHINERY MAINTENANCE MECHANICS	40	1.27	N.A.	N.A.
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	30	0.95	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,910	61.00	N.A.	N.A.
SEWING MACHINE OPERATORS, GARMENT	1,630	52.07	2.61	81.82
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	10	0.31	26.67	4.55
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	270	8.62	N.A.	N.A.
OTHER HAND WORKERS, NEC	160	5.09	N.A.	N.A.
CUTTERS AND TRIMMERS, HAND	70	2.23	5.40	22.73
PORTABLE MACHINE CUTTERS	60	1.91	15.52	27.27
ALL OTHER HAND WORKERS, NEC	30	0.95	N.A.	N.A.
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	200	6.38	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	50	1.59	N.A.	N.A.

SIC 236 GIRLS', CHILDREN'S, & INFANTS' OUTERWR
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,040	100.00	- -	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	30	2.88	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	10	0.96	10.05	35.71
GENERAL MANAGERS AND TOP EXECUTIVES	10	0.96	20.92	42.86
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.96	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	20	1.92	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	40	3.84	N.A.	N.A.
SALESPERSONS, RETAIL	30	2.88	17.28	28.57
ALL OTHER SALES AND RELATED WORKERS	10	0.96	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	120	11.52	N.A.	N.A.
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	10	0.96	7.81	21.43
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	50	4.80	N.A.	N.A.
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	20	1.92	15.29	57.14
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	2.88	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	5.76	N.A.	N.A.
SERVICE OCCUPATIONS	10	0.96	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	820	78.82	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	40	3.84	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	20	1.92	11.39	42.86
MACHINERY MAINTENANCE MECHANICS	10	0.96	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, SEWING MACHINES	10	0.96	0.90	28.57
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	20	1.92	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	650	62.50	N.A.	N.A.
OTHER HAND WORKERS, NEC	50	4.80	N.A.	N.A.
CUTTERS AND TRIMMERS, HAND	30	2.88	22.25	35.71
ALL OTHER HAND WORKERS, NEC	20	1.92	N.A.	N.A.
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	20	1.92	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.96	N.A.	N.A.

SIC 238 MISCELLANEOUS APPAREL AND ACCESSORIES
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,190	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	60	5.04	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	1.68	21.19	40.00
GENERAL MANAGERS AND TOP EXECUTIVES	20	1.68	21.98	53.33
ALL OTHER MANAGERS AND ADMINISTRATORS	20	1.68	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	30	2.52	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	200	16.80	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	190	15.96	17.55	53.33
ALL OTHER SALES AND RELATED WORKERS	10	0.84	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	200	16.80	N.A.	N.A.
ADJUSTMENT CLERKS	10	0.84	31.91	6.67
SECRETARIES	10	0.84	24.06	33.33
GENERAL OFFICE CLERKS	20	1.68	24.08	40.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	110	9.24	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	4.20	N.A.	N.A.
SERVICE OCCUPATIONS	10	0.84	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	690	57.97	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	30	2.52	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	10	0.84	37.01	26.67
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	190	15.96	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	340	28.57	N.A.	N.A.
OTHER HAND WORKERS, NEC	50	4.20	N.A.	N.A.
SEWERS, HAND	30	2.52	27.62	20.00
ALL OTHER HAND WORKERS, NEC	20	1.68	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	70	5.88	N.A.	N.A.

SIC 239 MISC. FABRICATED TEXTILE PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	7,020	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	470	6.67	N.A.	N.A.
FINANCIAL MANAGERS	60	0.85	48.78	33.33
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	30	0.42	23.90	26.67
PURCHASING MANAGERS	30	0.42	46.54	26.67
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	40	0.57	28.09	26.67
ADMINISTRATIVE SERVICES MANAGERS	30	0.42	43.29	16.67
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	30	0.42	46.77	16.67
INDUSTRIAL PRODUCTION MANAGERS	70	1.00	35.77	40.00
GENERAL MANAGERS AND TOP EXECUTIVES	180	2.57	31.93	60.00
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	230	3.26	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	30	0.42	N.A.	N.A.
ENGINEERS	30	0.42	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	170	2.42	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	310	4.41	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	20	0.28	43.00	13.33
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	230	3.28	44.02	33.33
ALL OTHER SALES AND RELATED WORKERS	60	0.85	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,100	15.66	N.A.	N.A.
SECRETARIES	160	2.28	32.88	53.33
RECEPTIONISTS AND INFORMATION CLERKS	20	0.28	31.97	20.00
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	210	3.00	41.20	23.33
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	110	1.57	38.15	46.67
PAYROLL AND TIMEKEEPING CLERKS	30	0.42	25.50	16.67
GENERAL OFFICE CLERKS	120	1.71	36.37	36.67
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	80	1.13	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	30	0.42	38.70	13.33
ALL OTHER OFFICE MACHINE OPERATORS	50	0.71	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	290	4.13	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	70	1.00	43.98	13.33
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	160	2.28	28.71	43.33
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	60	0.85	N.A.	N.A.

SIC 239 MISC. FABRICATED TEXTILE PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	80	1.14	N.A.	N.A.
SERVICE OCCUPATIONS	80	1.13	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	60	0.85	N.A.	N.A.
ALL OTHER SERVICE WORKERS	20	0.28	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	4,830	68.93	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	240	3.42	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	200	2.85	29.46	56.67
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	40	0.57	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	80	1.14	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	80	1.13	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, SEWING MACHINES	30	0.42	28.06	23.33
ALL OTHER MACHINERY MAINTENANCE MECHANICS	50	0.71	43.95	10.00
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	40	0.57	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	20	0.28	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	2,620	37.41	N.A.	N.A.
SEWING MACHINE OPERATORS, GARMENT	630	9.00	42.68	20.00
SEWING MACHINE OPERATORS, NON-GARMENT	1,530	21.85	20.80	66.67
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	50	0.71	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	410	5.85	N.A.	N.A.
OTHER HAND WORKERS, NEC	590	8.42	N.A.	N.A.
CUTTERS AND TRIMMERS, HAND	100	1.42	37.86	23.33
ALL OTHER HAND WORKERS, NEC	490	7.00	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	40	0.57	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	40	0.57	47.32	10.00
HAND PACKERS AND PACKAGERS	270	3.85	25.75	26.67
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	530	7.57	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	320	4.57	N.A.	N.A.

SIC 24 LUMBER/WOOD PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	38,450	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,680	4.32	N.A.	N.A.
FINANCIAL MANAGERS	140	0.36	49.29	18.38
PURCHASING MANAGERS	90	0.23	19.27	15.68
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	80	0.20	36.74	11.35
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	80	0.20	30.84	6.49
ALL OTHER ADMINISTRATIVE MANAGERS	80	0.20	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	360	0.93	19.85	28.65
GENERAL MANAGERS AND TOP EXECUTIVES	740	1.92	15.58	57.30
ALL OTHER MANAGERS AND ADMINISTRATORS	110	0.28	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	850	2.16	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	120	0.31	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	120	0.31	39.40	17.30
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.05	25.67	5.41
COST ESTIMATORS	110	0.28	46.34	7.57
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.05	32.01	4.86
ENGINEERS	40	0.10	N.A.	N.A.
MECHANICAL ENGINEERS	20	0.05	21.02	3.78
ALL OTHER ENGINEERS	20	0.05	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	230	0.59	N.A.	N.A.
DRAFTERS	190	0.49	42.23	8.11
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	0.10	N.A.	N.A.
LIFE SCIENTISTS	70	0.18	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	60	0.15	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	20	0.05	24.77	4.32
COMPUTER PROGRAMMERS	40	0.10	32.07	5.41
DESIGNERS, EXCEPT INTERIOR DESIGNERS	30	0.07	38.94	2.16
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.07	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	980	2.52	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	140	0.36	30.57	10.27
SALES ENGINEERS	10	0.02	37.70	1.62
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	750	1.94	20.33	28.11
ALL OTHER SALES AND RELATED WORKERS	80	0.20	N.A.	N.A.

SIC 24 LUMBER/WOOD PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,590	6.61	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	110	0.28	19.47	12.43
ADJUSTMENT CLERKS	30	0.07	26.61	4.32
SECRETARIES	580	1.50	20.00	42.70
RECEPTIONISTS AND INFORMATION CLERKS	90	0.23	22.72	15.14
TYPISTS	10	0.02	24.35	2.70
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	40	0.10	26.00	9.19
FILE CLERKS	10	0.02	26.19	3.24
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	90	0.23	21.75	9.19
PROCUREMENT CLERKS	30	0.07	20.18	7.57
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	510	1.32	27.52	33.51
PAYROLL AND TIMEKEEPING CLERKS	70	0.18	46.46	11.89
BILLING, COST AND RATE CLERKS	60	0.15	34.16	5.95
GENERAL OFFICE CLERKS	300	0.77	27.24	28.65
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	100	0.25	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	30	0.07	21.09	5.95
DATA ENTRY KEYERS, EXCEPT COMPOSING	70	0.18	35.05	9.19
SWITCHBOARD OPERATORS	30	0.07	19.72	8.65
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	530	1.35	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	110	0.28	15.14	13.51
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	100	0.25	18.52	10.27
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	270	0.70	22.69	22.16
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	50	0.12	N.A.	N.A.
SERVICE OCCUPATIONS	470	1.19	N.A.	N.A.
GUARDS AND WATCH GUARDS	170	0.44	16.01	18.38
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	250	0.63	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	200	0.51	26.11	19.46
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	50	0.12	17.43	4.86
ALL OTHER SERVICE WORKERS	50	0.12	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	1,350	3.47	N.A.	N.A.
FIRST LINE SUPERVISORS-AGRICULTURAL, FORESTRY, FISHING, & RELATED OCCUPATIONS	170	0.44	12.54	21.62

SIC 24 LUMBER/WOOD PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FALLERS AND BUCKERS	170	0.44	16.99	12.43
CHOKE SETTERS	30	0.07	35.87	4.32
LOG HANDLING EQUIPMENT OPERATORS	270	0.70	11.17	16.22
LOGGING TRACTOR OPERATORS	550	1.42	6.81	27.03
FOREST AND CONSERVATION WORKERS	70	0.18	22.29	5.41
LOG GRADERS AND SCALERS	80	0.20	25.57	10.27
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	10	0.02	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	30,530	78.95	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,350	3.48	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	100	0.25	17.36	13.51
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	910	2.36	10.09	42.70
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	100	0.25	15.79	14.05
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	220	0.57	28.11	15.14
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.05	27.10	2.16
PRECISION INSPECTORS, TESTERS, AND GRADERS	110	0.28	43.03	4.32
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	370	0.96	12.75	20.00
MACHINERY MAINTENANCE MECHANICS	250	0.64	16.81	16.76
MILLWRIGHTS	130	0.33	26.44	3.78
MACHINERY MAINTENANCE WORKERS	100	0.25	18.67	11.89
MAINTENANCE REPAIRERS, GENERAL UTILITY	330	0.85	17.43	27.57
AUTOMOTIVE MECHANICS	70	0.18	37.00	3.24
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	70	0.18	19.67	10.81
MOBILE HEAVY EQUIPMENT MECHANICS, EXCEPT ENGINES	30	0.07	19.65	3.24
INSTALLERS AND REPAIRERS- MANUFACTURED BUILDINGS, MOBILE HOMES, AND TRAVEL TRAILERS	620	1.61	27.06	5.95
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	40	0.10	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	2,910	7.53	N.A.	N.A.
CARPENTERS	2,500	6.49	44.39	13.51
ELECTRICIANS	210	0.54	14.92	12.97
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	100	0.25	48.61	3.24
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	100	0.25	26.52	5.95

SIC 24 LUMBER/WOOD PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION METAL WORKERS	110	0.28	N.A.	N.A.
MACHINISTS	20	0.05	28.73	5.95
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	70	0.18	26.58	8.65
ALL OTHER PRECISION METAL WORKERS	20	0.05	N.A.	N.A.
PRECISION WOODWORKERS	3,610	9.36	N.A.	N.A.
WOOD MACHINISTS	1,150	2.98	24.77	13.51
CABINETMAKERS AND BENCH CARPENTERS	2,260	5.87	46.38	10.27
ALL OTHER PRECISION WOODWORKERS	200	0.51	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	670	1.70	N.A.	N.A.
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	60	0.15	24.33	2.16
WELDING MACHINE SETTERS AND SET-UP OPERATORS	130	0.33	37.54	3.24
WELDING MACHINE OPERATORS AND TENDERS	50	0.12	38.07	2.16
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	100	0.25	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	330	0.85	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	5,760	14.88	N.A.	N.A.
SAWING MACHINE SETTERS AND SET-UP OPERATORS	450	1.16	41.10	11.35
HEAD SAWYERS	140	0.36	20.33	10.27
SAWING MACHINE OPERATORS AND TENDERS	2,160	5.61	49.02	35.68
WOODWORKING MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT SAWING	450	1.16	35.01	13.51
WOODWORKING MACHINE OPERATORS AND TENDERS, EXCEPT SAWING	1,480	3.84	22.50	17.84
SEWING MACHINE OPERATORS, NON-GARMENT	90	0.23	49.32	2.16
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	140	0.36	29.96	8.65
BOILER OPERATORS AND TENDERS, LOW PRESSURE	120	0.31	13.26	7.03
COATING, PAINTING, & SPRAYING MACHINE SETTERS & SET-UP OPERATORS	30	0.07	44.98	1.62
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	90	0.23	32.18	3.78
CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS	240	0.62	19.54	7.57
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	50	0.12	21.64	5.41
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	50	0.12	20.36	5.95
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	60	0.15	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	210	0.54	N.A.	N.A.
OTHER HAND WORKERS, NEC	5,700	14.79	N.A.	N.A.

SIC 24 LUMBER/WOOD PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
WELDERS AND CUTTERS	100	0.25	21.57	7.57
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	4,690	12.18	13.75	23.24
ALL OTHER HAND WORKERS, NEC	910	2.36	N.A.	N.A.
MOTOR VEHICLE OPERATORS	1,310	3.40	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	1,310	3.40	12.57	57.30
ALL OTHER TRANSPORTATION AND RELATED WORKERS	100	0.25	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	1,220	3.14	N.A.	N.A.
GRADER, DOZER, AND SCRAPER OPERATORS	60	0.15	34.59	7.57
HOIST AND WINCH OPERATORS	40	0.10	22.35	7.03
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	900	2.33	13.55	32.43
CONVEYOR OPERATORS AND TENDERS	60	0.15	27.90	4.86
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	160	0.41	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	50	0.12	27.23	5.95
MACHINE FEEDERS AND OFFBEARERS	1,520	3.94	17.64	20.54
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	1,050	2.72	19.88	28.65
HAND PACKERS AND PACKAGERS	300	0.77	30.69	5.41
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	2,530	6.57	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	220	0.57	N.A.	N.A.

SIC 241 LOGGING CAMPS AND LOGGING CONTRACTORS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,000	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	90	4.41	N.A.	N.A.
GENERAL MANAGERS AND TOP EXECUTIVES	70	3.43	19.53	31.48
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.98	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	90	4.41	N.A.	N.A.
LIFE SCIENTISTS	60	2.94	N.A.	N.A.
FORESTERS AND CONSERVATION SCIENTISTS	60	2.94	18.03	20.37
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	1.47	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	120	5.88	N.A.	N.A.
SECRETARIES	50	2.45	14.84	27.78
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	1.96	26.01	20.37
GENERAL OFFICE CLERKS	20	0.98	26.84	11.11
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	10	0.49	N.A.	N.A.
SERVICE OCCUPATIONS	10	0.49	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	1,050	51.46	N.A.	N.A.
FIRST LINE SUPERVISORS-AGRICULTURAL, FORESTRY, FISHING, & RELATED OCCUPATIONS	120	5.88	11.71	46.30
FALLERS AND BUCKERS	170	8.33	17.08	40.74
CHOKE SETTERS	30	1.47	37.99	11.11
LOG HANDLING EQUIPMENT OPERATORS	150	7.35	13.66	22.22
LOGGING TRACTOR OPERATORS	520	25.49	7.00	79.63
FOREST AND CONSERVATION WORKERS	50	2.45	26.85	7.41
LOG GRADERS AND SCALERS	10	0.49	27.29	9.26
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	640	31.36	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	60	2.94	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	40	1.96	12.43	16.67
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.98	N.A.	N.A.
MOBILE HEAVY EQUIPMENT MECHANICS, EXCEPT ENGINES	20	0.98	15.03	9.26

SIC 241 LOGGING CAMPS AND LOGGING CONTRACTORS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	40	1.96	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	40	1.96	38.93	12.96
MOTOR VEHICLE OPERATORS	370	18.13	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	370	18.13	9.39	66.67
MATERIAL MOVING EQUIPMENT OPERATORS	60	2.94	N.A.	N.A.
GRADER, DOZER, AND SCRAPER OPERATORS	40	1.96	45.28	16.67
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	20	0.98	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	30	1.47	41.72	9.26
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	10	0.49	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.49	N.A.	N.A.

SIC 242 SAWMILLS AND PLANING MILLS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	4,960	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	170	3.40	N.A.	N.A.
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	10	0.20	42.35	4.35
ALL OTHER ADMINISTRATIVE MANAGERS	30	0.60	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	0.60	36.35	34.78
GENERAL MANAGERS AND TOP EXECUTIVES	90	1.80	41.29	56.52
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.20	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	80	1.60	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	10	0.20	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	40	0.80	34.20	39.13
ALL OTHER MANAGEMENT SUPPORT WORKERS	10	0.20	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	10	0.20	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	10	0.20	42.35	4.35
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	10	0.20	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	40	0.80	N.A.	N.A.
SALES ENGINEERS	10	0.20	43.14	4.35
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	30	0.60	46.29	30.43
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	280	5.60	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10	0.20	22.85	21.74
SECRETARIES	70	1.40	24.62	43.48
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	0.80	36.61	26.09
GENERAL OFFICE CLERKS	40	0.80	13.38	47.83
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.40	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	60	1.20	N.A.	N.A.
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	40	0.80	31.99	30.43
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.40	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	0.80	N.A.	N.A.
SERVICE OCCUPATIONS	110	2.20	N.A.	N.A.
GUARDS AND WATCH GUARDS	60	1.20	22.65	39.13

SIC 242 SAWMILLS AND PLANING MILLS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	50	1.00	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	10	0.20	48.88	13.04
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	40	0.80	20.64	21.74
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	170	3.40	N.A.	N.A.
FIRST LINE SUPERVISORS-AGRICULTURAL, FORESTRY, FISHING, & RELATED OCCUPATIONS	40	0.80	38.67	39.13
SELECTED TIMBER CUTTING AND LOGGING OCCUPATIONS	70	1.40	N.A.	N.A.
LOG GRADERS AND SCALERS	50	1.00	35.50	43.48
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	10	0.20	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	4,110	82.40	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	180	3.60	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	90	1.80	17.99	47.83
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	70	1.40	35.77	30.43
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.40	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	100	2.00	31.67	43.48
MACHINERY MAINTENANCE MECHANICS	70	1.40	27.08	26.09
MAINTENANCE REPAIRERS, GENERAL UTILITY	100	2.00	12.30	47.83
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	30	0.60	33.89	30.43
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	90	1.80	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	40	0.80	N.A.	N.A.
ELECTRICIANS	40	0.80	36.25	30.43
PRECISION METAL WORKERS	40	0.80	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	660	13.22	N.A.	N.A.
HEAD SAWYERS	90	1.80	28.93	47.83
SAWING MACHINE OPERATORS AND TENDERS	170	3.41	20.01	65.22
WOODWORKING MACHINE OPERATORS AND TENDERS, EXCEPT SAWING	130	2.61	30.26	21.74
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	20	0.40	24.06	26.09
BOILER OPERATORS AND TENDERS, LOW PRESSURE	50	1.00	17.63	21.74
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	100	2.00	N.A.	N.A.

SIC 242 SAWMILLS AND PLANING MILLS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	100	2.00	N.A.	N.A.
OTHER HAND WORKERS, NEC	240	4.81	N.A.	N.A.
WELDERS AND CUTTERS	30	0.60	39.18	17.39
ALL OTHER HAND WORKERS, NEC	210	4.21	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	160	3.21	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	290	5.81	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	170	3.41	12.31	34.78
CONVEYOR OPERATORS AND TENDERS	20	0.40	24.37	17.39
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	100	2.00	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	30	0.60	40.63	13.04
MACHINE FEEDERS AND OFFBEARERS	430	8.63	20.89	52.17
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	560	11.24	32.03	65.22
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	820	16.46	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	270	5.42	N.A.	N.A.

SIC 243 MILLWORK, VENEER, PLYWD & STRUCTR MBRS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	18,860	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	750	3.96	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	40	0.21	26.20	45.45
ALL OTHER ADMINISTRATIVE MANAGERS	170	0.90	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	220	1.16	30.83	48.48
GENERAL MANAGERS AND TOP EXECUTIVES	280	1.48	34.99	63.64
ALL OTHER MANAGERS AND ADMINISTRATORS	40	0.21	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	370	1.94	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	160	0.84	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	130	0.68	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	80	0.42	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	340	1.78	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	30	0.15	46.06	18.18
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	290	1.53	47.23	36.36
ALL OTHER SALES AND RELATED WORKERS	20	0.10	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,300	6.82	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	60	0.31	30.51	24.24
RECEPTIONISTS AND INFORMATION CLERKS	40	0.21	44.71	24.24
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.10	35.56	27.27
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	60	0.31	29.11	27.27
PROCUREMENT CLERKS	20	0.10	37.06	21.21
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	300	1.58	45.81	48.48
BILLING, COST AND RATE CLERKS	50	0.26	41.45	15.15
SWITCHBOARD OPERATORS	20	0.10	25.53	18.18
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	320	1.68	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	80	0.42	21.37	30.30
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	140	0.74	36.91	42.42
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	100	0.52	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	410	2.17	N.A.	N.A.
SERVICE OCCUPATIONS	190	0.99	N.A.	N.A.

SIC 243 MILLWORK, VENEER, PLYWD & STRUCTR MBRS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
GUARDS AND WATCH GUARDS	40	0.21	32.77	15.15
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	130	0.68	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	130	0.68	38.17	45.45
ALL OTHER SERVICE WORKERS	20	0.10	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	40	0.21	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	15,870	83.83	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	630	3.32	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	420	2.22	19.59	60.61
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	60	0.31	25.31	36.36
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	150	0.79	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	180	0.95	17.34	27.27
MACHINERY MAINTENANCE MECHANICS	140	0.74	25.56	30.30
MILLWRIGHTS	80	0.42	25.01	12.12
MACHINERY MAINTENANCE WORKERS	30	0.15	23.83	18.18
MAINTENANCE REPAIRERS, GENERAL UTILITY	110	0.58	47.19	30.30
AUTOMOTIVE MECHANICS	60	0.31	42.99	12.12
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	20	0.10	32.53	12.12
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	30	0.15	N.A.	N.A.
PRECISION METAL WORKERS	70	0.37	N.A.	N.A.
PRECISION WOODWORKERS	3,190	16.88	N.A.	N.A.
WOOD MACHINISTS	800	4.23	26.90	30.30
CABINETMAKERS AND BENCH CARPENTERS	2,200	11.65	47.78	42.42
ALL OTHER PRECISION WOODWORKERS	190	1.00	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	440	2.31	N.A.	N.A.
WELDING MACHINE SETTERS AND SET-UP OPERATORS	30	0.15	45.69	6.06
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	90	0.47	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	320	1.69	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	3,540	18.68	N.A.	N.A.

SIC 243 MILLWORK, VENEER, PLYWD & STRUCTR MBRS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SAWING MACHINE SETTERS AND SET-UP OPERATORS	390	2.06	47.64	27.27
HEAD SAWYERS	50	0.26	27.34	12.12
WOODWORKING MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT SAWING	300	1.58	48.82	36.36
WOODWORKING MACHINE OPERATORS AND TENDERS, EXCEPT SAWING	840	4.44	29.42	36.36
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	60	0.31	16.38	18.18
BOILER OPERATORS AND TENDERS, LOW PRESSURE	60	0.31	20.92	15.15
CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS	130	0.68	19.41	21.21
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	30	0.15	22.04	9.09
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	20	0.10	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	1,660	8.79	N.A.	N.A.
OTHER HAND WORKERS, NEC	2,010	10.63	N.A.	N.A.
WELDERS AND CUTTERS	30	0.15	38.86	9.09
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	1,350	7.15	38.46	33.33
ALL OTHER HAND WORKERS, NEC	630	3.33	N.A.	N.A.
MOTOR VEHICLE OPERATORS	460	2.43	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	460	2.43	32.51	54.55
ALL OTHER TRANSPORTATION AND RELATED WORKERS	90	0.47	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	490	2.58	N.A.	N.A.
HOIST AND WINCH OPERATORS	10	0.05	35.75	9.09
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	380	2.01	25.63	48.48
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	100	0.52	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	870	4.60	27.63	27.27
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	240	1.27	37.42	30.30
HAND PACKERS AND PACKAGERS	170	0.90	47.68	12.12
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,320	6.99	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,700	9.00	N.A.	N.A.

SIC 244 WOOD CONTAINERS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,710	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	120	4.39	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	10	0.36	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	0.73	44.02	23.08
GENERAL MANAGERS AND TOP EXECUTIVES	80	2.94	20.12	65.38
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.36	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	40	1.47	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	20	0.73	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	20	0.73	26.87	34.62
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	160	5.86	N.A.	N.A.
SECRETARIES	40	1.47	32.94	42.31
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	20	0.73	46.63	23.08
GENERAL OFFICE CLERKS	30	1.10	37.67	34.62
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	40	1.46	N.A.	N.A.
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	30	1.10	33.32	30.77
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	10	0.36	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	1.10	N.A.	N.A.
SERVICE OCCUPATIONS	40	1.47	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	30	1.09	N.A.	N.A.
SELECTED TIMBER CUTTING AND LOGGING OCCUPATIONS	20	0.73	N.A.	N.A.
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	10	0.36	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,300	84.46	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	70	2.56	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	50	1.83	28.14	38.46
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.73	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	20	0.73	23.38	34.62

SIC 244 WOOD CONTAINERS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MAINTENANCE REPAIRERS, GENERAL UTILITY	10	0.36	45.53	23.08
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	10	0.36	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	310	11.39	N.A.	N.A.
CARPENTERS	310	11.39	35.51	23.08
PRECISION WOODWORKERS	60	2.20	N.A.	N.A.
WOOD MACHINISTS	60	2.20	13.62	15.38
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	80	2.94	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	610	22.41	N.A.	N.A.
SAWING MACHINE OPERATORS AND TENDERS	280	10.29	20.90	61.54
WOODWORKING MACHINE OPERATORS AND TENDERS, EXCEPT SAWING	120	4.41	28.99	26.92
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	90	3.30	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	120	4.41	N.A.	N.A.
OTHER HAND WORKERS, NEC	680	24.99	N.A.	N.A.
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	620	22.79	26.53	42.31
ALL OTHER HAND WORKERS, NEC	60	2.20	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	120	4.41	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	70	2.57	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	90	3.30	28.04	26.92
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	80	2.94	34.32	26.92
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	60	2.20	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	30	1.10	N.A.	N.A.

SIC 245 WOOD BUILDINGS AND MOBILE HOMES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	6,240	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	330	5.28	N.A.	N.A.
FINANCIAL MANAGERS	40	0.64	44.72	38.10
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	40	0.64	34.67	38.10
ALL OTHER ADMINISTRATIVE MANAGERS	70	1.12	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	60	0.96	18.63	66.67
GENERAL MANAGERS AND TOP EXECUTIVES	100	1.60	22.26	90.48
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.32	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	210	3.36	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	30	0.48	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	40	0.64	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	70	1.12	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	70	1.12	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	420	6.72	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	90	1.44	46.83	28.57
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	300	4.80	17.03	76.19
ALL OTHER SALES AND RELATED WORKERS	30	0.48	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	440	7.04	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.32	40.80	19.05
SECRETARIES	180	2.88	20.47	66.67
RECEPTIONISTS AND INFORMATION CLERKS	30	0.48	16.53	42.86
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	60	0.96	32.12	42.86
PAYROLL AND TIMEKEEPING CLERKS	10	0.16	43.19	23.81
GENERAL OFFICE CLERKS	60	0.96	44.70	28.57
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.32	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	30	0.48	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	0.48	N.A.	N.A.
SERVICE OCCUPATIONS	60	0.96	N.A.	N.A.
GUARDS AND WATCH GUARDS	20	0.32	48.79	19.05
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.32	N.A.	N.A.

SIC 245 WOOD BUILDINGS AND MOBILE HOMES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER SERVICE WORKERS	20	0.32	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	4,780	76.48	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	250	4.00	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	190	3.04	10.46	61.90
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	60	0.96	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	40	0.64	23.59	38.10
INSTALLERS AND REPAIRERS- MANUFACTURED BUILDINGS, MOBILE HOMES, AND TRAVEL TRAILERS	590	9.44	28.08	42.86
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	50	0.80	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	700	11.20	N.A.	N.A.
CARPENTERS	460	7.36	26.06	52.38
ELECTRICIANS	140	2.24	19.01	52.38
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	100	1.60	26.52	52.38
PRECISION WOODWORKERS	110	1.76	N.A.	N.A.
CABINETMAKERS AND BENCH CARPENTERS	70	1.12	43.60	23.81
ALL OTHER PRECISION WOODWORKERS	40	0.64	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	80	1.28	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	60	0.96	N.A.	N.A.
OTHER HAND WORKERS, NEC	2,220	35.52	N.A.	N.A.
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	2,200	35.20	15.27	61.90
ALL OTHER HAND WORKERS, NEC	20	0.32	N.A.	N.A.
MOTOR VEHICLE OPERATORS	100	1.60	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	100	1.60	36.15	42.86
MATERIAL MOVING EQUIPMENT OPERATORS	90	1.44	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	90	1.44	23.96	52.38
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	40	0.64	40.77	28.57
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	120	1.92	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	330	5.28	N.A.	N.A.

SIC 249 MISCELLANEOUS WOOD PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,620	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	220	6.05	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	40	1.10	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	0.82	34.69	28.57
GENERAL MANAGERS AND TOP EXECUTIVES	120	3.31	29.12	67.86
ALL OTHER MANAGERS AND ADMINISTRATORS	30	0.82	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	50	1.37	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	10	0.27	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	1.10	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	170	4.68	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	20	0.55	21.57	14.29
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	110	3.03	32.19	25.00
ALL OTHER SALES AND RELATED WORKERS	40	1.10	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	270	7.43	N.A.	N.A.
SECRETARIES	40	1.10	32.45	39.29
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	60	1.65	32.50	50.00
GENERAL OFFICE CLERKS	40	1.10	44.89	28.57
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	70	1.93	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	1.65	N.A.	N.A.
SERVICE OCCUPATIONS	50	1.36	N.A.	N.A.
GUARDS AND WATCH GUARDS	10	0.27	22.26	17.86
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	30	0.82	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.27	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	40	1.09	N.A.	N.A.
SELECTED TIMBER CUTTING AND LOGGING OCCUPATIONS	30	0.82	N.A.	N.A.
ALL OTHER AGRICULTURAL, FORESTRY, FISHING, & RELATED WORKERS	10	0.27	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,820	77.77	N.A.	N.A.

SIC 249 MISCELLANEOUS WOOD PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	140	3.85	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	110	3.03	22.04	57.14
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	30	0.82	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	30	0.82	20.03	21.43
MACHINERY MAINTENANCE WORKERS	20	0.55	34.63	17.86
MAINTENANCE REPAIRERS, GENERAL UTILITY	50	1.38	26.47	32.14
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	20	0.55	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	60	1.65	N.A.	N.A.
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	50	1.38	24.03	7.14
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	10	0.27	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	850	23.45	N.A.	N.A.
SAWING MACHINE SETTERS AND SET-UP OPERATORS	40	1.10	17.77	14.29
SAWING MACHINE OPERATORS AND TENDERS	170	4.69	32.76	35.71
WOODWORKING MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT SAWING	20	0.55	44.32	14.29
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	40	1.10	46.72	14.29
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	20	0.55	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	560	15.46	N.A.	N.A.
OTHER HAND WORKERS, NEC	570	15.74	N.A.	N.A.
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	530	14.64	16.84	28.57
ALL OTHER HAND WORKERS, NEC	40	1.10	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	110	3.03	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	220	6.06	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	190	5.24	32.52	46.43
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	30	0.82	N.A.	N.A.
CONSTRUCTION TRADES AND EXTRACTIVE WORKER HELPERS	30	0.82	44.98	3.57
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	100	2.76	37.27	35.71
HAND PACKERS AND PACKAGERS	100	2.76	41.83	14.29
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	360	9.94	N.A.	N.A.

SIC 249   MISCELLANEOUS WOOD PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	160	4.41	N.A.	N.A.

SIC 25 FURNITURE/FIXTURES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	16,160	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	740	4.54	N.A.	N.A.
FINANCIAL MANAGERS	50	0.30	18.08	21.43
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.12	27.00	9.18
PURCHASING MANAGERS	20	0.12	24.28	11.22
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	50	0.30	14.96	15.31
ALL OTHER ADMINISTRATIVE MANAGERS	20	0.12	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	170	1.05	13.38	44.90
GENERAL MANAGERS AND TOP EXECUTIVES	400	2.47	9.48	72.45
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.06	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	380	2.32	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	60	0.37	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	60	0.37	21.81	17.35
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	60	0.37	16.64	25.51
ALL OTHER MANAGEMENT SUPPORT WORKERS	30	0.18	N.A.	N.A.
ENGINEERS	70	0.42	N.A.	N.A.
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	30	0.18	16.87	8.16
MECHANICAL ENGINEERS	20	0.12	29.62	4.08
ALL OTHER ENGINEERS	20	0.12	30.87	3.06
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	120	0.74	N.A.	N.A.
DRAFTERS	60	0.37	18.57	16.33
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	60	0.37	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	10	0.06	N.A.	N.A.
COMPUTER PROGRAMMERS	10	0.06	18.80	4.08
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.18	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	390	2.40	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	30	0.18	32.33	9.18
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	350	2.16	13.30	45.92
ALL OTHER SALES AND RELATED WORKERS	10	0.06	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,400	8.57	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	40	0.24	15.75	15.31

SIC 25 FURNITURE/FIXTURES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ADJUSTMENT CLERKS	30	0.18	32.55	6.12
SECRETARIES	230	1.42	14.20	50.00
RECEPTIONISTS AND INFORMATION CLERKS	20	0.12	24.11	14.29
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.12	25.88	7.14
FILE CLERKS	20	0.12	40.70	6.12
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	60	0.37	27.95	11.22
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	200	1.23	13.29	47.96
PAYROLL AND TIMEKEEPING CLERKS	40	0.24	21.72	17.35
BILLING, COST AND RATE CLERKS	10	0.06	20.66	6.12
GENERAL OFFICE CLERKS	210	1.29	19.09	37.76
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	30	0.18	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	20	0.12	10.46	9.18
ALL OTHER OFFICE MACHINE OPERATORS	10	0.06	N.A.	N.A.
SWITCHBOARD OPERATORS	10	0.06	18.65	8.16
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	450	2.76	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	100	0.61	14.78	11.22
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	250	1.54	13.47	43.88
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	100	0.61	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	0.18	N.A.	N.A.
SERVICE OCCUPATIONS	200	1.23	N.A.	N.A.
GUARDS AND WATCH GUARDS	30	0.18	15.26	5.10
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	170	1.05	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	13,050	80.35	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	710	4.36	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	620	3.82	8.70	57.14
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	30	0.18	22.28	8.16
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	40	0.24	24.80	7.14
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.12	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	30	0.18	36.67	1.02

SIC 25 FURNITURE/FIXTURES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	340	2.10	24.42	18.37
MECHANICS, INSTALLERS, AND REPAIRERS	150	0.92	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	90	0.55	19.54	9.18
PRECISION METAL WORKERS	300	1.85	N.A.	N.A.
PRECISION WOODWORKERS	1,770	10.91	N.A.	N.A.
PATTERN MARKERS, WOOD	40	0.24	48.00	4.08
WOOD MACHINISTS	370	2.28	21.14	19.39
CABINETMAKERS AND BENCH CARPENTERS	920	5.68	11.99	33.67
FURNITURE FINISHERS	350	2.16	20.71	17.35
ALL OTHER PRECISION WOODWORKERS	90	0.55	N.A.	N.A.
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	1,040	6.41	N.A.	N.A.
FABRIC AND APPAREL PATTERNMAKERS, AND LAYOUT WORKERS	130	0.80	30.78	8.16
UPHOLSTERERS	890	5.49	23.97	24.49
ALL OTHER PRECISION TEXTILE, APPAREL, & FURNISHINGS WORKERS	20	0.12	18.49	3.06
PRECISION WORKERS, NEC	20	0.12	0.00	2.04
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	1,520	9.35	N.A.	N.A.
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	60	0.37	45.27	4.08
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	100	0.61	20.43	4.08
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	80	0.49	12.41	14.29
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	260	1.60	20.76	13.27
WELDING MACHINE SETTERS AND SET-UP OPERATORS	90	0.55	31.06	8.16
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	260	1.60	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	670	4.13	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	2,050	12.61	N.A.	N.A.
SAWING MACHINE SETTERS AND SET-UP OPERATORS	140	0.86	25.51	15.31
SAWING MACHINE OPERATORS AND TENDERS	120	0.74	19.03	15.31
WOODWORKING MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT SAWING	130	0.80	30.39	8.16
WOODWORKING MACHINE OPERATORS AND TENDERS, EXCEPT SAWING	190	1.17	17.92	15.31
TEXTILE MACHINE OPERATORS AND TENDERS- WINDING, TWISTING, KNITTING, WEAVING, AND CUTTING	70	0.43	49.21	6.12
SEWING MACHINE OPERATORS, NON-GARMENT	770	4.75	16.27	33.67
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	250	1.54	29.84	16.33
CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS	150	0.92	26.29	13.27

SIC 25 FURNITURE/FIXTURES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	90	0.55	42.20	9.18
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	50	0.30	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	90	0.55	N.A.	N.A.
OTHER HAND WORKERS, NEC	3,390	20.90	N.A.	N.A.
WELDERS AND CUTTERS	280	1.72	12.37	12.24
CUTTERS AND TRIMMERS, HAND	140	0.86	19.77	14.29
PAINTING, COATING, AND DECORATING WORKERS, HAND	180	1.11	38.51	7.14
GRINDING AND POLISHING WORKERS, HAND	140	0.86	34.84	12.24
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	2,490	15.37	15.47	57.14
ALL OTHER HAND WORKERS, NEC	160	0.98	39.66	8.16
MOTOR VEHICLE OPERATORS	210	1.29	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	210	1.29	21.21	15.31
ALL OTHER TRANSPORTATION AND RELATED WORKERS	140	0.86	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	90	0.55	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	130	0.80	31.10	3.06
HAND PACKERS AND PACKAGERS	250	1.54	24.88	17.35
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	770	4.75	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	50	0.30	N.A.	N.A.

SIC 251 HOUSEHOLD FURNITURE
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	7,520	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	290	3.81	N.A.	N.A.
FINANCIAL MANAGERS	20	0.26	34.59	30.00
ALL OTHER ADMINISTRATIVE MANAGERS	30	0.39	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	80	1.05	25.92	60.00
GENERAL MANAGERS AND TOP EXECUTIVES	160	2.11	17.46	65.00
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	100	1.30	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.26	N.A.	N.A.
ENGINEERS	20	0.26	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	0.52	36.01	10.00
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.26	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	140	1.85	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	130	1.72	31.34	35.00
ALL OTHER SALES AND RELATED WORKERS	10	0.13	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	530	6.98	N.A.	N.A.
SECRETARIES	100	1.32	25.90	45.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	70	0.92	32.69	45.00
PAYROLL AND TIMEKEEPING CLERKS	20	0.26	36.39	35.00
GENERAL OFFICE CLERKS	100	1.32	37.80	40.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	150	1.97	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	60	0.79	25.34	30.00
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	70	0.92	41.55	35.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.26	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	90	1.19	N.A.	N.A.
SERVICE OCCUPATIONS	110	1.45	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	90	1.19	N.A.	N.A.
ALL OTHER SERVICE WORKERS	20	0.26	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	6,350	83.98	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	360	4.76	N.A.	N.A.

SIC 251 HOUSEHOLD FURNITURE
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	330	4.37	14.69	65.00
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	30	0.39	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	30	0.39	36.67	5.00
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	180	2.38	41.63	25.00
MECHANICS, INSTALLERS, AND REPAIRERS	50	0.66	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	60	0.79	30.25	20.00
PRECISION WOODWORKERS	680	8.98	N.A.	N.A.
WOOD MACHINISTS	200	2.64	36.62	25.00
CABINETMAKERS AND BENCH CARPENTERS	170	2.25	34.62	20.00
FURNITURE FINISHERS	230	3.04	27.09	30.00
ALL OTHER PRECISION WOODWORKERS	80	1.05	N.A.	N.A.
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	740	9.80	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	870	11.52	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	890	11.76	N.A.	N.A.
SAWING MACHINE OPERATORS AND TENDERS	40	0.52	43.35	20.00
SEWING MACHINE OPERATORS, NON-GARMENT	460	6.09	23.56	55.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	80	1.05	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	310	4.10	N.A.	N.A.
OTHER HAND WORKERS, NEC	1,410	18.66	N.A.	N.A.
PAINTING, COATING, AND DECORATING WORKERS, HAND	140	1.85	47.48	15.00
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	1,140	15.09	32.72	55.00
ALL OTHER HAND WORKERS, NEC	130	1.72	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	230	3.04	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	50	0.66	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	110	1.45	36.36	5.00
HAND PACKERS AND PACKAGERS	140	1.85	39.78	35.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	490	6.49	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	60	0.79	N.A.	N.A.

SIC 252 OFFICE FURNITURE
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,410	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	100	7.02	N.A.	N.A.
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	1.40	18.07	28.57
ALL OTHER ADMINISTRATIVE MANAGERS	20	1.40	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	2.11	18.86	64.29
GENERAL MANAGERS AND TOP EXECUTIVES	30	2.11	16.75	64.29
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	60	4.21	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	1.40	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	2.81	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	40	2.81	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	40	2.81	34.62	28.57
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	180	12.65	N.A.	N.A.
ADJUSTMENT CLERKS	10	0.70	31.78	21.43
SECRETARIES	30	2.11	16.21	78.57
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	20	1.40	18.78	50.00
GENERAL OFFICE CLERKS	10	0.70	40.43	28.57
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	60	4.22	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	3.52	N.A.	N.A.
SERVICE OCCUPATIONS	10	0.70	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	10	0.70	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	10	0.70	45.62	28.57
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,020	71.74	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	40	2.81	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	20	1.40	32.34	14.29
PRECISION WOODWORKERS	180	12.66	N.A.	N.A.
CABINETMAKERS AND BENCH CARPENTERS	130	9.15	20.75	64.29
FURNITURE FINISHERS	30	2.11	31.46	35.71
ALL OTHER PRECISION WOODWORKERS	20	1.40	N.A.	N.A.
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	100	7.03	N.A.	N.A.

SIC 252 OFFICE FURNITURE
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
UPHOLSTERERS	60	4.22	23.85	28.57
ALL OTHER PRECISION TEXTILE, APPAREL, & FURNISHINGS WORKERS	40	2.81	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	90	6.33	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	140	9.85	N.A.	N.A.
OTHER HAND WORKERS, NEC	360	25.34	N.A.	N.A.
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	210	14.78	12.74	71.43
ALL OTHER HAND WORKERS, NEC	150	10.56	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	30	2.11	33.94	14.29
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	40	2.81	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	1.40	N.A.	N.A.

SIC 253 PUBLIC BUILDING AND RELATED FURNITURE
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,470	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	130	3.72	N.A.	N.A.
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	10	0.28	16.36	29.41
ALL OTHER ADMINISTRATIVE MANAGERS	30	0.86	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	0.86	17.12	58.82
GENERAL MANAGERS AND TOP EXECUTIVES	60	1.72	17.01	70.59
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	120	3.45	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.57	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	100	2.88	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	30	0.85	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	20	0.57	36.02	29.41
ALL OTHER SALES AND RELATED WORKERS	10	0.28	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	290	8.32	N.A.	N.A.
SECRETARIES	30	0.86	22.28	47.06
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	50	1.44	13.55	70.59
GENERAL OFFICE CLERKS	20	0.57	26.25	35.29
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	10	0.28	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	120	3.45	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	1.72	N.A.	N.A.
SERVICE OCCUPATIONS	50	1.43	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	40	1.15	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.28	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,850	82.01	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	200	5.74	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	180	5.18	11.50	82.35
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	10	0.28	14.22	17.65

SIC 253 PUBLIC BUILDING AND RELATED FURNITURE
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	10	0.28	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	60	1.72	N.A.	N.A.
PRECISION METAL WORKERS	140	4.03	N.A.	N.A.
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	190	5.47	N.A.	N.A.
UPHOLSTERERS	160	4.61	22.10	41.18
ALL OTHER PRECISION TEXTILE, APPAREL, & FURNISHINGS WORKERS	30	0.86	N.A.	N.A.
PRECISION WORKERS, NEC	20	0.57	0.00	11.76
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	240	6.91	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	580	16.69	N.A.	N.A.
SAWING MACHINE OPERATORS AND TENDERS	40	1.15	16.81	29.41
WOODWORKING MACHINE OPERATORS AND TENDERS, EXCEPT SAWING	110	3.17	14.42	47.06
SEWING MACHINE OPERATORS, NON-GARMENT	210	6.05	27.16	47.06
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	30	0.86	15.29	29.41
CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS	90	2.59	33.17	35.29
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	60	1.72	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	40	1.15	N.A.	N.A.
OTHER HAND WORKERS, NEC	920	26.50	N.A.	N.A.
WELDERS AND CUTTERS	190	5.47	16.25	41.18
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	640	18.44	11.78	64.71
ALL OTHER HAND WORKERS, NEC	90	2.59	N.A.	N.A.
MOTOR VEHICLE OPERATORS	50	1.43	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	40	1.15	34.47	23.53
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	10	0.28	24.96	23.53
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	70	2.01	32.66	29.41
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	80	2.30	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	300	8.64	N.A.	N.A.

SIC 254 PARTITIONS, SHELVG, LOCKERS & FIXTURES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,470	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	130	5.21	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	10	0.40	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	0.80	27.71	33.33
GENERAL MANAGERS AND TOP EXECUTIVES	100	4.01	22.31	80.95
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	80	3.20	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	30	1.20	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	30	1.20	N.A.	N.A.
DRAFTERS	30	1.20	15.91	38.10
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.80	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	100	4.01	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	90	3.61	12.12	61.90
ALL OTHER SALES AND RELATED WORKERS	10	0.40	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	210	8.41	N.A.	N.A.
SECRETARIES	40	1.60	38.42	52.38
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	30	1.20	36.32	33.33
GENERAL OFFICE CLERKS	30	1.20	38.12	28.57
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	10	0.40	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	70	2.81	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	1.20	N.A.	N.A.
SERVICE OCCUPATIONS	30	1.20	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	30	1.20	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	30	1.20	16.19	47.62
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,920	76.99	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	70	2.81	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	10	0.40	26.21	14.29

SIC 254 PARTITIONS, SHELVG, LOCKERS & FIXTURES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MAINTENANCE REPAIRERS, GENERAL UTILITY	30	1.20	9.84	23.81
PRECISION METAL WORKERS	100	4.01	N.A.	N.A.
SHEET METAL WORKERS	80	3.21	0.00	4.76
ALL OTHER PRECISION METAL WORKERS	20	0.80	N.A.	N.A.
PRECISION WOODWORKERS	690	27.70	N.A.	N.A.
WOOD MACHINISTS	90	3.61	28.88	23.81
CABINETMAKERS AND BENCH CARPENTERS	470	18.87	18.67	61.90
ALL OTHER PRECISION WOODWORKERS	130	5.22	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	230	9.23	N.A.	N.A.
WELDING MACHINE SETTERS AND SET-UP OPERATORS	70	2.81	35.62	14.29
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	30	1.20	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	130	5.22	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	300	12.02	N.A.	N.A.
SAWING MACHINE SETTERS AND SET-UP OPERATORS	20	0.80	27.96	14.29
SAWING MACHINE OPERATORS AND TENDERS	30	1.20	31.29	19.05
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	100	4.01	18.92	38.10
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	90	3.61	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	60	2.40	N.A.	N.A.
OTHER HAND WORKERS, NEC	230	9.21	N.A.	N.A.
WELDERS AND CUTTERS	60	2.40	16.10	9.52
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	110	4.41	37.87	19.05
ALL OTHER HAND WORKERS, NEC	60	2.40	N.A.	N.A.
MOTOR VEHICLE OPERATORS	40	1.60	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	40	1.60	32.07	33.33
ALL OTHER TRANSPORTATION AND RELATED WORKERS	20	0.80	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	10	0.40	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	10	0.40	42.14	4.76
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	10	0.40	41.01	9.52
HAND PACKERS AND PACKAGERS	90	3.61	28.92	23.81
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	60	2.40	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	30	1.20	N.A.	N.A.

SIC 259 MISCELLANEOUS FURNITURE AND FIXTURES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,240	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	80	6.40	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	1.60	34.37	23.08
GENERAL MANAGERS AND TOP EXECUTIVES	50	4.00	13.95	76.92
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.80	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	70	5.60	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	70	5.60	20.52	61.54
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	190	15.20	N.A.	N.A.
SECRETARIES	20	1.60	23.72	38.46
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	10	0.80	35.94	11.54
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	3.20	23.23	46.15
GENERAL OFFICE CLERKS	50	4.00	16.67	50.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	50	4.00	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	20	1.60	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	900	72.00	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	40	3.20	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	80	6.40	46.27	15.38
PRECISION WOODWORKERS	30	2.40	N.A.	N.A.
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	20	1.60	N.A.	N.A.
UPHOLSTERERS	20	1.60	36.28	11.54
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	100	8.00	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	130	10.40	N.A.	N.A.
SEWING MACHINE OPERATORS, NON-GARMENT	60	4.80	30.60	42.31
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	20	1.60	39.89	7.69
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	10	0.80	N.A.	N.A.

SIC 259 MISCELLANEOUS FURNITURE AND FIXTURES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	40	3.20	N.A.	N.A.
OTHER HAND WORKERS, NEC	460	36.80	N.A.	N.A.
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	390	31.20	8.52	76.92
ALL OTHER HAND WORKERS, NEC	70	5.60	N.A.	N.A.
MOTOR VEHICLE OPERATORS	10	0.80	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	10	0.80	34.42	23.08
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	20	1.60	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.80	N.A.	N.A.

SIC 26 PAPER/ALLIED PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	23,000	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	910	3.92	N.A.	N.A.
FINANCIAL MANAGERS	80	0.34	9.69	45.45
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	40	0.17	13.69	30.68
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	100	0.43	12.46	37.50
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	20	0.08	14.56	11.36
ALL OTHER ADMINISTRATIVE MANAGERS	30	0.13	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	270	1.17	10.08	69.32
GENERAL MANAGERS AND TOP EXECUTIVES	280	1.21	9.12	82.95
ALL OTHER MANAGERS AND ADMINISTRATORS	90	0.39	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,000	4.26	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	140	0.60	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	90	0.39	12.10	36.36
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	50	0.21	9.47	15.91
COST ESTIMATORS	50	0.21	28.33	14.77
ALL OTHER MANAGEMENT SUPPORT WORKERS	60	0.26	14.00	14.77
ENGINEERS	210	0.90	N.A.	N.A.
CHEMICAL ENGINEERS	60	0.26	16.54	10.23
ELECTRICAL AND ELECTRONIC ENGINEERS	30	0.13	6.84	6.82
MECHANICAL ENGINEERS	50	0.21	7.36	14.77
ALL OTHER ENGINEERS	70	0.30	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	100	0.41	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	20	0.08	11.26	9.09
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	20	0.08	10.71	5.68
DRAFTERS	20	0.08	12.73	12.50
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	0.17	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	90	0.39	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	50	0.21	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	20	0.08	10.80	11.36
COMPUTER PROGRAMMERS	30	0.13	13.61	10.23
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	20	0.08	9.18	7.95
DESIGNERS, EXCEPT INTERIOR DESIGNERS	70	0.30	23.05	19.32
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	70	0.30	N.A.	N.A.

SIC 26   PAPER/ALLIED PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SALES AND RELATED OCCUPATIONS	890	3.86	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	90	0.39	13.67	29.55
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	40	0.17	34.85	7.95
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	640	2.78	8.63	61.36
ALL OTHER SALES AND RELATED WORKERS	120	0.52	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,240	9.65	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	260	1.13	17.05	42.05
ADJUSTMENT CLERKS	100	0.43	15.08	22.73
SECRETARIES	280	1.21	8.03	59.09
RECEPTIONISTS AND INFORMATION CLERKS	40	0.17	14.25	20.45
TYPISTS	30	0.13	15.51	9.09
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.08	9.65	17.05
FILE CLERKS	20	0.08	8.12	6.82
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	90	0.39	21.41	26.14
PROCUREMENT CLERKS	30	0.13	7.22	15.91
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	260	1.13	11.43	57.95
PAYROLL AND TIMEKEEPING CLERKS	40	0.17	12.56	27.27
BILLING, COST AND RATE CLERKS	50	0.21	12.29	23.86
GENERAL OFFICE CLERKS	200	0.87	28.87	30.68
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	130	0.55	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	40	0.17	7.43	18.18
DATA ENTRY KEYERS, EXCEPT COMPOSING	70	0.30	13.74	22.73
ALL OTHER OFFICE MACHINE OPERATORS	20	0.08	N.A.	N.A.
SWITCHBOARD OPERATORS	40	0.17	16.45	27.27
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	610	2.63	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	180	0.78	8.21	53.41
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	20	0.08	20.60	4.55
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	180	0.78	7.10	28.41
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	210	0.91	13.52	43.18
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.08	21.33	11.36
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	0.17	N.A.	N.A.
SERVICE OCCUPATIONS	240	1.03	N.A.	N.A.

SIC 26 PAPER/ALLIED PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	20	0.08	34.48	9.09
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	150	0.65	N.A.	N.A.
ALL OTHER SERVICE WORKERS	70	0.30	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	90	0.39	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	17,630	76.46	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,260	5.46	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	180	0.78	12.66	36.36
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	10	0.04	33.37	3.41
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	880	3.82	5.10	75.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	90	0.39	8.65	30.68
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	100	0.43	10.63	21.59
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	440	1.91	12.41	27.27
MACHINERY MAINTENANCE MECHANICS	340	1.47	N.A.	N.A.
MACHINERY MAINTENANCE WORKERS	160	0.69	10.06	12.50
MAINTENANCE REPAIRERS, GENERAL UTILITY	770	3.35	22.12	45.45
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	60	0.26	20.02	9.09
PRECISION INSTRUMENT REPAIRERS	40	0.17	45.68	2.27
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	110	0.47	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	190	0.82	N.A.	N.A.
ELECTRICIANS	190	0.82	22.79	17.05
PRECISION METAL WORKERS	80	0.34	N.A.	N.A.
TOOL AND DIE MAKERS	40	0.17	47.83	7.95
MACHINISTS	40	0.17	18.30	9.09
PRECISION WORKERS, NEC	30	0.13	23.36	11.36
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	190	0.81	N.A.	N.A.
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	140	0.60	8.74	4.55
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	40	0.17	22.80	2.27

SIC 26 PAPER/ALLIED PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	10	0.04	32.92	3.41
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	7,470	32.41	N.A.	N.A.
PRINTING PRESS MACHINE SETTERS AND SET-UP OPERATORS	210	0.91	17.30	22.73
SPECIALTY MATERIALS PRINTING MACHINE SETTERS AND SET-UP OPERATORS	160	0.69	15.74	12.50
ALL OTHER PRINTING RELATED SETTERS & SET-UP OPERATORS	150	0.65	N.A.	N.A.
PRINTING PRESS MACHINE OPERATORS AND TENDERS	820	3.56	22.65	34.09
ALL OTHER PRINTING, BINDING, AND RELATED MACHINE OPERATORS AND TENDERS	20	0.08	N.A.	N.A.
PAPER GOODS MACHINE SETTERS AND SET-UP OPERATORS	2,150	9.35	11.04	45.45
BOILER OPERATORS AND TENDERS, LOW PRESSURE	60	0.26	29.72	6.82
CHEMICAL EQUIPMENT TENDERS	30	0.13	25.12	1.14
CUTTING & SLICING MACHINE SETTERS & SET-UP OPERATORS	190	0.82	18.32	15.91
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	480	2.08	13.15	38.64
COATING, PAINTING, & SPRAYING MACHINE SETTERS & SET-UP OPERATORS	190	0.82	9.59	5.68
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	190	0.82	34.74	10.23
CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS	230	1.00	30.90	17.05
SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE OPERATORS AND TENDERS	30	0.13	25.63	1.14
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	340	1.47	10.04	12.50
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	380	1.65	11.40	22.73
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	220	0.95	20.50	19.32
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	180	0.78	26.22	15.91
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	1,440	6.26	N.A.	N.A.
OTHER HAND WORKERS, NEC	790	3.43	N.A.	N.A.
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	560	2.43	36.96	14.77
ALL OTHER HAND WORKERS, NEC	230	1.00	N.A.	N.A.
PLANT AND SYSTEM WORKERS	170	0.73	N.A.	N.A.
POWER DISTRIBUTORS AND DISPATCHERS	30	0.13	27.22	2.27
STATIONARY ENGINEERS	20	0.08	24.18	2.27
ALL OTHER PLANT AND SYSTEM OPERATORS	120	0.52	N.A.	N.A.
MOTOR VEHICLE OPERATORS	620	2.69	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	620	2.69	7.66	53.41

SIC 26 PAPER/ALLIED PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER TRANSPORTATION AND RELATED WORKERS	80	0.34	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	740	3.21	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	580	2.52	8.59	51.14
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	160	0.69	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	30	0.13	19.20	7.95
MACHINE FEEDERS AND OFFBEARERS	960	4.17	11.54	38.64
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	620	2.69	12.99	37.50
HAND PACKERS AND PACKAGERS	1,130	4.91	9.72	34.09
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,260	5.48	7.97	28.41
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	90	0.39	N.A.	N.A.

SIC 262 PAPER MILLS, EXCEPT BUILDING PAPER
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,420	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	70	2.05	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	260	7.60	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	50	1.46	N.A.	N.A.
ENGINEERS	90	2.63	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	1.17	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	80	2.34	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	10	0.29	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	270	7.89	N.A.	N.A.
SECRETARIES	30	0.87	5.57	60.00
BILLING, COST AND RATE CLERKS	20	0.58	24.89	20.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	110	3.22	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	110	3.22	N.A.	N.A.
SERVICE OCCUPATIONS	60	1.75	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	90	2.63	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,660	77.92	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	350	10.26	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	920	26.92	N.A.	N.A.
PRINTING PRESS MACHINE SETTERS AND SET-UP OPERATORS	20	0.58	25.34	20.00
CHEMICAL EQUIPMENT TENDERS	30	0.87	25.12	20.00
CUTTING & SLICING MACHINE SETTERS & SET-UP OPERATORS	40	1.17	25.52	20.00
COATING, PAINTING, & SPRAYING MACHINE SETTERS & SET-UP OPERATORS	60	1.75	25.12	20.00
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	20	0.58	25.69	20.00
SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE OPERATORS AND TENDERS	30	0.87	25.63	20.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	80	2.34	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	640	18.76	N.A.	N.A.

SIC 262   PAPER MILLS, EXCEPT BUILDING PAPER
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PLANT AND SYSTEM WORKERS	80	2.33	N.A.	N.A.
POWER DISTRIBUTORS AND DISPATCHERS	20	0.58	25.52	20.00
STATIONARY ENGINEERS	20	0.58	25.52	20.00
ALL OTHER PLANT AND SYSTEM OPERATORS	40	1.17	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	40	1.17	17.18	60.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	400	11.73	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	870	25.51	N.A.	N.A.

SIC 263 PAPERBOARD MILLS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,670	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	90	3.34	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	30	1.11	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	0.74	32.48	0.00
ALL OTHER MANAGERS AND ADMINISTRATORS	40	1.49	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	200	7.42	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	10	0.37	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	10	0.37	24.52	60.00
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	10	0.37	26.24	40.00
ALL OTHER MANAGEMENT SUPPORT WORKERS	10	0.37	N.A.	N.A.
ENGINEERS	50	1.85	N.A.	N.A.
MECHANICAL ENGINEERS	20	0.74	4.00	40.00
ALL OTHER ENGINEERS	30	1.11	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	60	2.23	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	50	1.86	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	30	1.11	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	30	1.11	41.21	60.00
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	190	7.05	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10	0.37	48.70	20.00
SECRETARIES	40	1.49	3.55	0.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	20	0.74	10.72	60.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.74	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	40	1.48	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	20	0.74	44.03	40.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.74	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	2.23	N.A.	N.A.

SIC 263 PAPERBOARD MILLS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,160	80.50	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	140	5.22	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	130	4.85	3.22	80.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	10	0.37	33.78	40.00
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	30	1.11	37.87	60.00
MECHANICS, INSTALLERS, AND REPAIRERS	260	9.70	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	20	0.74	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, WATER OR POWER GENERATION PLANT	20	0.74	0.00	40.00
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	90	3.35	N.A.	N.A.
ELECTRICIANS	90	3.35	46.11	40.00
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	930	34.66	N.A.	N.A.
PRINTING PRESS MACHINE SETTERS AND SET-UP OPERATORS	20	0.74	49.60	20.00
BOILER OPERATORS AND TENDERS, LOW PRESSURE	50	1.86	39.89	40.00
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	100	3.73	29.66	40.00
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	60	2.23	32.73	40.00
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	60	2.23	48.42	40.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	10	0.37	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	630	23.50	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	90	3.35	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	160	5.97	47.43	40.00
HAND PACKERS AND PACKAGERS	20	0.74	0.00	20.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	240	8.95	15.92	40.00
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	180	6.71	N.A.	N.A.

SIC 264 CONVERTED PAPER, PAPERBRD, EX CONTNR
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	8,190	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	380	4.60	N.A.	N.A.
FINANCIAL MANAGERS	30	0.36	11.48	40.54
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.24	7.02	32.43
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	40	0.48	15.30	35.14
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	10	0.12	12.25	18.92
ALL OTHER ADMINISTRATIVE MANAGERS	20	0.24	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	120	1.46	14.68	75.68
GENERAL MANAGERS AND TOP EXECUTIVES	120	1.46	15.53	83.78
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.24	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	340	4.09	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	40	0.48	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	40	0.48	18.82	48.65
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	10	0.12	11.06	16.22
COST ESTIMATORS	10	0.12	32.28	13.51
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.24	7.61	16.22
ENGINEERS	60	0.72	N.A.	N.A.
CHEMICAL ENGINEERS	20	0.24	0.72	13.51
MECHANICAL ENGINEERS	20	0.24	6.44	18.92
ALL OTHER ENGINEERS	20	0.24	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	0.48	N.A.	N.A.
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	10	0.12	4.35	8.11
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	30	0.36	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	30	0.36	N.A.	N.A.
DESIGNERS, EXCEPT INTERIOR DESIGNERS	40	0.48	29.74	18.92
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	50	0.61	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	280	3.40	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	30	0.36	6.58	29.73
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	220	2.68	12.11	56.76
ALL OTHER SALES AND RELATED WORKERS	30	0.36	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	930	11.28	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	90	1.09	33.14	40.54

SIC 264 CONVERTED PAPER, PAPERBRD, EX CONTNR
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ADJUSTMENT CLERKS	50	0.61	11.60	35.14
SECRETARIES	100	1.22	10.75	54.05
RECEPTIONISTS AND INFORMATION CLERKS	20	0.24	11.33	27.03
TYPISTS	10	0.12	14.43	10.81
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	40	0.48	24.63	32.43
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	90	1.09	12.74	56.76
PAYROLL AND TIMEKEEPING CLERKS	10	0.12	9.29	27.03
BILLING, COST AND RATE CLERKS	20	0.24	8.00	27.03
GENERAL OFFICE CLERKS	120	1.46	33.14	37.84
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	50	0.60	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	30	0.36	13.74	32.43
ALL OTHER OFFICE MACHINE OPERATORS	20	0.24	N.A.	N.A.
SWITCHBOARD OPERATORS	20	0.24	11.29	29.73
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	260	3.16	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	90	1.09	5.89	37.84
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	110	1.34	17.15	54.05
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	60	0.73	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	0.61	N.A.	N.A.
SERVICE OCCUPATIONS	90	1.09	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	10	0.12	7.92	16.22
GUARDS AND WATCH GUARDS	10	0.12	1.00	8.11
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	70	0.85	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	70	0.85	3.68	54.05
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	6,170	75.14	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	420	5.10	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	40	0.48	12.52	32.43
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	320	3.90	5.28	81.08
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	30	0.36	5.14	29.73
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	30	0.36	11.39	29.73

SIC 264 CONVERTED PAPER, PAPERBRD, EX CONTNR
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	200	2.44	7.28	35.14
MACHINERY MAINTENANCE MECHANICS	200	2.44	5.38	27.03
MACHINERY MAINTENANCE WORKERS	60	0.73	0.98	10.81
MAINTENANCE REPAIRERS, GENERAL UTILITY	70	0.85	19.68	32.43
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	30	0.36	4.92	10.81
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	10	0.12	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	30	0.36	N.A.	N.A.
ELECTRICIANS	30	0.36	10.09	16.22
PRECISION METAL WORKERS	30	0.36	N.A.	N.A.
TOOL AND DIE MAKERS	10	0.12	34.83	8.11
MACHINISTS	20	0.24	21.16	16.22
PRECISION WORKERS, NEC	10	0.12	30.87	5.41
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	170	2.06	N.A.	N.A.
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	120	1.46	3.65	8.11
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	40	0.48	22.80	5.41
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	10	0.12	32.92	8.11
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	2,450	29.85	N.A.	N.A.
PRINTING PRESS MACHINE SETTERS AND SET-UP OPERATORS	110	1.34	23.97	29.73
PHOTOENGRAVING AND LITHOGRAPHING PHOTOGRAPHERS	10	0.12	33.34	10.81
SPECIALTY MATERIALS PRINTING MACHINE SETTERS AND SET-UP OPERATORS	70	0.85	12.70	10.81
ALL OTHER PRINTING RELATED SETTERS & SET-UP OPERATORS	40	0.48	N.A.	N.A.
PRINTING AND RELATED MACHINE OPERATORS AND TENDERS	240	2.93	N.A.	N.A.
PAPER GOODS MACHINE SETTERS AND SET-UP OPERATORS	840	10.25	17.87	37.84
CUTTING & SLICING MACHINE SETTERS & SET-UP OPERATORS	70	0.85	29.50	10.81
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	160	1.95	22.29	37.84
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	110	1.34	48.52	10.81
CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS	30	0.36	31.05	10.81
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	100	1.22	1.78	8.11
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	250	3.05	10.34	24.32
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	140	1.70	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	520	6.34	N.A.	N.A.

SIC 264 CONVERTED PAPER, PAPERBRD, EX CONTNR
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
OTHER HAND WORKERS, NEC	180	2.19	N.A.	N.A.
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	110	1.34	38.84	18.92
ALL OTHER HAND WORKERS, NEC	70	0.85	N.A.	N.A.
MOTOR VEHICLE OPERATORS	140	1.70	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	140	1.70	12.22	29.73
ALL OTHER TRANSPORTATION AND RELATED WORKERS	40	0.48	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	160	1.95	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	20	0.24	24.34	8.11
MACHINE FEEDERS AND OFFBEARERS	300	3.66	12.76	29.73
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	300	3.66	11.66	43.24
HAND PACKERS AND PACKAGERS	780	9.52	12.05	51.35
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	320	3.90	3.61	29.73
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.12	N.A.	N.A.

SIC 265 PAPERBOARD CONTAINERS AND BOXES
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	8,180	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	350	4.24	N.A.	N.A.
FINANCIAL MANAGERS	40	0.48	15.80	52.94
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	40	0.48	22.89	44.12
ALL OTHER ADMINISTRATIVE MANAGERS	30	0.36	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	100	1.22	20.18	61.76
GENERAL MANAGERS AND TOP EXECUTIVES	130	1.58	13.65	82.35
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.12	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	180	2.17	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	60	0.73	N.A.	N.A.
COST ESTIMATORS	30	0.36	48.94	17.65
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.48	N.A.	N.A.
DESIGNERS, EXCEPT INTERIOR DESIGNERS	30	0.36	36.27	29.41
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.24	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	530	6.46	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	40	0.48	24.58	32.35
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	30	0.36	42.97	14.71
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	370	4.52	12.38	73.53
ALL OTHER SALES AND RELATED WORKERS	90	1.10	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	780	9.47	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	120	1.46	24.99	47.06
ADJUSTMENT CLERKS	50	0.61	28.70	17.65
SECRETARIES	100	1.22	19.09	61.76
RECEPTIONISTS AND INFORMATION CLERKS	10	0.12	37.01	11.76
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	40	0.48	42.49	20.59
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	120	1.46	22.02	61.76
PAYROLL AND TIMEKEEPING CLERKS	20	0.24	27.01	29.41
BILLING, COST AND RATE CLERKS	10	0.12	30.43	23.53
SWITCHBOARD OPERATORS	20	0.24	32.61	26.47
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	180	2.18	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	80	0.97	17.26	61.76

SIC 265 PAPERBOARD CONTAINERS AND BOXES
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	70	0.85	27.54	38.24
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	0.36	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	110	1.34	N.A.	N.A.
SERVICE OCCUPATIONS	60	0.73	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	50	0.61	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	50	0.61	24.30	38.24
ALL OTHER SERVICE WORKERS	10	0.12	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	6,280	76.61	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	380	4.62	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	30	0.36	16.91	38.24
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	300	3.66	13.21	70.59
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	30	0.36	20.52	32.35
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	20	0.24	35.42	11.76
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	150	1.83	33.56	14.71
MAINTENANCE REPAIRERS, GENERAL UTILITY	280	3.42	12.12	58.82
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	50	0.61	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	20	0.24	N.A.	N.A.
ELECTRICIANS	20	0.24	45.42	14.71
PRECISION METAL WORKERS	30	0.36	N.A.	N.A.
PRECISION WORKERS, NEC	20	0.24	34.11	23.53
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	20	0.24	48.54	2.94
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,940	23.67	N.A.	N.A.
PRINTING PRESS MACHINE SETTERS AND SET-UP OPERATORS	60	0.73	35.41	20.59
PRINTING AND RELATED SETTERS AND SET-UP OPERATORS	60	0.73	N.A.	N.A.
PRINTING AND RELATED MACHINE OPERATORS AND TENDERS	600	7.33	N.A.	N.A.
PAPER GOODS MACHINE SETTERS AND SET-UP OPERATORS	1,180	14.42	15.14	52.94
CUTTING & SLICING MACHINE SETTERS & SET-UP OPERATORS	60	0.73	42.67	17.65

SIC 265 PAPERBOARD CONTAINERS AND BOXES
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	200	2.44	21.19	44.12
CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS	200	2.44	35.43	29.41
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	20	0.24	28.63	17.65
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	30	0.36	37.72	14.71
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	130	1.58	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	60	0.73	N.A.	N.A.
OTHER HAND WORKERS, NEC	570	6.96	N.A.	N.A.
MOTOR VEHICLE OPERATORS	320	3.91	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	320	3.91	10.65	82.35
ALL OTHER TRANSPORTATION AND RELATED WORKERS	30	0.36	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	350	4.26	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	310	3.78	14.17	61.76
CONVEYOR OPERATORS AND TENDERS	40	0.48	30.81	26.47
MACHINE FEEDERS AND OFFBEARERS	450	5.50	15.91	52.94
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	260	3.17	27.48	35.29
HAND PACKERS AND PACKAGERS	340	4.15	17.22	26.47
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	360	4.40	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	50	0.61	N.A.	N.A.

SIC 27   PRINTING/PUBLISHING/ALLIED INDUSTRIES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	75,200	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	5,510	7.30	N.A.	N.A.
FINANCIAL MANAGERS	280	0.37	10.53	25.37
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	170	0.22	19.45	18.01
PURCHASING MANAGERS	100	0.13	19.75	13.97
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	790	1.05	18.97	30.51
ADMINISTRATIVE SERVICES MANAGERS	80	0.10	17.70	7.35
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	80	0.10	28.78	6.62
INDUSTRIAL PRODUCTION MANAGERS	610	0.81	19.67	31.25
GENERAL MANAGERS AND TOP EXECUTIVES	2,820	3.75	11.05	70.59
ALL OTHER MANAGERS AND ADMINISTRATORS	580	0.77	9.93	10.66
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	8,410	11.06	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	220	0.28	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	200	0.26	20.68	12.13
ALL OTHER FINANCIAL SPECIALISTS	20	0.02	43.93	2.94
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	90	0.11	14.62	11.03
COST ESTIMATORS	540	0.71	20.72	18.01
ALL OTHER MANAGEMENT SUPPORT WORKERS	110	0.14	N.A.	N.A.
ENGINEERS	90	0.10	N.A.	N.A.
MECHANICAL ENGINEERS	60	0.07	42.72	3.31
ALL OTHER ENGINEERS	30	0.03	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	270	0.34	N.A.	N.A.
DRAFTERS	90	0.11	30.23	2.21
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	180	0.23	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	290	0.37	N.A.	N.A.
COMPUTER PROGRAMMERS	180	0.23	8.44	12.87
COMPUTER PROGRAMMER AIDES	110	0.14	11.10	4.41
LIBRARIANS, PROFESSIONAL	30	0.03	11.71	5.15
WRITERS AND EDITORS	2,500	3.32	18.36	28.68
TECHNICAL WRITERS	100	0.13	30.27	1.84
PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS	70	0.09	23.02	4.41
REPORTERS AND CORRESPONDENTS	1,820	2.42	13.66	11.76
PHOTOGRAPHERS	420	0.55	18.15	13.97
ARTISTS AND RELATED WORKERS	970	1.29	15.47	29.04
DESIGNERS, EXCEPT INTERIOR DESIGNERS	610	0.81	31.53	13.60
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	280	0.37	N.A.	N.A.

SIC 27 PRINTING/PUBLISHING/ALLIED INDUSTRIES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SALES AND RELATED OCCUPATIONS	11,370	15.10	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	780	1.03	15.47	24.26
SALES AGENTS, ADVERTISING	3,090	4.11	12.06	28.31
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	3,460	4.60	9.53	38.97
CASHIERS	130	0.17	27.70	7.72
NEWS AND STREET VENDORS, TELEPHONE SOLICITORS, DOOR-TO-DOOR SALES WORKERS, AND OTHER RELATED WORKERS	3,590	4.77	13.30	6.99
ALL OTHER SALES AND RELATED WORKERS	320	0.42	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	15,070	19.89	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,030	1.37	14.98	35.66
ADJUSTMENT CLERKS	660	0.87	10.70	17.28
LIBRARY ASSISTANTS AND BOOKMOBILE DRIVERS	50	0.06	9.65	4.78
ADVERTISING CLERKS	1,300	1.72	13.87	14.71
PROOFREADERS AND COPY MARKERS	870	1.15	18.30	25.74
SECRETARIES	1,670	2.22	9.87	51.47
RECEPTIONISTS AND INFORMATION CLERKS	670	0.89	18.28	33.09
TYPISTS	430	0.57	28.35	13.60
TYPISTS, WORD PROCESSING EQUIPMENT	400	0.53	31.89	11.03
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	90	0.11	6.37	9.93
FILE CLERKS	170	0.22	14.71	10.29
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	440	0.58	15.76	15.07
PROCUREMENT CLERKS	50	0.06	13.06	8.09
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,560	2.07	13.26	53.31
PAYROLL AND TIMEKEEPING CLERKS	100	0.13	11.70	15.07
BILLING, COST AND RATE CLERKS	290	0.38	11.15	15.07
GENERAL OFFICE CLERKS	1,380	1.83	15.26	30.15
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	1,200	1.57	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	40	0.05	44.98	2.57
DUPLICATING MACHINE OPERATORS	20	0.02	11.40	2.57
MAIL MACHINE OPERATORS, PREPARATION AND HANDLING	330	0.43	28.24	8.82
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	160	0.21	8.23	10.66
DATA ENTRY KEYERS, EXCEPT COMPOSING	190	0.25	30.28	10.29
DATA KEYERS, COMPOSING	460	0.61	17.51	13.60
SWITCHBOARD OPERATORS	200	0.26	10.95	20.22
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	260	0.34	29.59	12.13

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MESSENGERS	320	0.42	27.51	14.34
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,710	2.25	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	100	0.13	19.12	5.15
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	490	0.65	20.30	20.59
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	390	0.51	18.80	15.81
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	690	0.91	12.99	25.74
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	40	0.05	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	220	0.29	N.A.	N.A.
SERVICE OCCUPATIONS	880	1.15	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	60	0.07	24.31	5.88
GUARDS AND WATCH GUARDS	110	0.14	5.68	3.68
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	700	0.93	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.01	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	33,960	44.86	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,940	2.56	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	110	0.14	14.52	7.72
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	1,610	2.14	10.28	36.03
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	120	0.15	17.86	6.25
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	100	0.13	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	180	0.23	37.16	5.88
MACHINERY MAINTENANCE MECHANICS	250	0.33	9.37	13.24
MAINTENANCE REPAIRERS, GENERAL UTILITY	260	0.34	19.06	13.24
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	160	0.21	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	160	0.19	N.A.	N.A.
CARPENTERS	30	0.03	12.02	2.94
ELECTRICIANS	110	0.14	6.52	5.51

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	20	0.02	9.90	2.94
PRECISION METAL WORKERS	380	0.49	N.A.	N.A.
MACHINISTS	120	0.15	9.42	5.15
ALL OTHER PRECISION METAL WORKERS	260	0.34	N.A.	N.A.
PRECISION PRINTING WORKERS	5,790	7.67	N.A.	N.A.
PRECISION COMPOSITORS, TYPESETTERS, AND ARRANGERS	1,330	1.76	20.06	19.85
JOB PRINTERS	1,710	2.27	26.12	16.18
PRECISION LITHOGRAPHY AND PHOTOENGRAVING WORKERS	2,210	2.93	10.11	30.15
BOOKBINDERS	380	0.50	32.47	5.88
ALL OTHER PRECISION PRINTING WORKERS	160	0.21	20.95	4.41
PRECISION WORKERS, NEC	780	1.02	N.A.	N.A.
PRECISION DETAIL DESIGN DECORATORS AND PAINTERS	630	0.83	41.40	8.46
ALL OTHER PRECISION WORKERS, NEC	150	0.19	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	16,740	22.16	N.A.	N.A.
OFFSET LITHOGRAPHIC PRESS SETTERS & SET-UP OPERATORS	3,380	4.49	14.69	23.90
LETTERPRESS SETTERS AND SET-UP OPERATORS	1,410	1.87	15.78	13.60
ALL OTHER PRINTING PRESS SETTERS & SET-UP OPERATORS	540	0.71	17.27	4.04
PHOTOENGRAVING AND LITHOGRAPHING PHOTOGRAPHERS	810	1.07	16.08	24.26
BINDERY MACHINE SETTERS AND SET-UP OPERATORS	1,200	1.59	20.46	11.76
ALL OTHER PRINTING RELATED SETTERS & SET-UP OPERATORS	810	1.07	N.A.	N.A.
TYPESETTING & COMPOSING MACHINE OPERATORS & TENDERS	2,320	3.08	14.70	34.56
PRINTING PRESS MACHINE OPERATORS AND TENDERS	2,980	3.96	15.45	22.79
BINDERY MACHINE OPERATORS	1,360	1.80	14.94	18.01
ALL OTHER PRINTING, BINDING, AND RELATED MACHINE OPERATORS AND TENDERS	530	0.70	N.A.	N.A.
PHOTOGRAPHIC PROCESSING MACHINE OPERATORS & TENDERS	190	0.25	30.06	5.51
PAPER GOODS MACHINE SETTERS AND SET-UP OPERATORS	70	0.09	34.48	2.21
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	400	0.53	16.61	12.13
CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS	60	0.07	47.55	2.21
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	450	0.59	23.09	5.15
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	140	0.18	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	90	0.11	27.19	2.21
OTHER HAND WORKERS, NEC	700	0.92	N.A.	N.A.
CUTTERS AND TRIMMERS, HAND	80	0.10	3.45	1.84
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	160	0.21	44.35	1.84
ALL OTHER HAND WORKERS, NEC	460	0.61	N.A.	N.A.
MOTOR VEHICLE OPERATORS	1,560	2.06	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	210	0.27	10.86	6.25
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	950	1.26	16.04	26.84
DRIVER/SALES WORKERS	400	0.53	14.03	5.51
ALL OTHER TRANSPORTATION AND RELATED WORKERS	20	0.02	34.90	2.21
MATERIAL MOVING EQUIPMENT OPERATORS	470	0.62	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	30	0.03	40.09	2.21
MACHINE FEEDERS AND OFFBEARERS	1,150	1.52	20.30	11.40
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	560	0.74	20.87	12.13
HAND PACKERS AND PACKAGERS	1,850	2.46	13.34	16.18
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	960	1.27	18.97	7.72
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.02	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	29,030	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,630	5.55	N.A.	N.A.
FINANCIAL MANAGERS	70	0.24	27.41	53.13
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	60	0.20	14.50	50.00
PURCHASING MANAGERS	20	0.06	22.82	31.25
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	370	1.27	31.70	62.50
ADMINISTRATIVE SERVICES MANAGERS	20	0.06	24.95	18.75
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	40	0.13	29.15	18.75
INDUSTRIAL PRODUCTION MANAGERS	100	0.34	24.64	46.88
GENERAL MANAGERS AND TOP EXECUTIVES	520	1.78	26.60	81.25
ALL OTHER MANAGERS AND ADMINISTRATORS	430	1.47	10.22	34.38
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	4,980	17.05	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	60	0.20	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	90	0.30	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	80	0.27	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	140	0.46	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	40	0.13	25.14	21.88
COMPUTER PROGRAMMERS	60	0.20	16.70	28.13
COMPUTER PROGRAMMER AIDES	40	0.13	25.87	12.50
LIBRARIANS, PROFESSIONAL	30	0.10	12.52	37.50
WRITERS AND EDITORS	2,020	6.94	22.53	87.50
PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS	60	0.20	28.87	28.13
REPORTERS AND CORRESPONDENTS	1,730	5.95	14.21	71.88
PHOTOGRAPHERS	310	1.06	19.40	65.63
ARTISTS AND RELATED WORKERS	220	0.75	8.00	62.50
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	240	0.82	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	6,620	22.75	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	390	1.34	18.84	65.63
SALES AGENTS, ADVERTISING	1,940	6.67	16.91	78.13
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	560	1.92	27.07	34.38
CASHIERS	80	0.27	13.78	53.13
NEWS AND STREET VENDORS, TELEPHONE SOLICITORS, DOOR-TO-DOOR SALES WORKERS, AND OTHER RELATED WORKERS	3,510	12.07	13.62	40.63
ALL OTHER SALES AND RELATED WORKERS	140	0.48	25.59	28.13

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	6,010	20.54	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	400	1.37	28.16	65.63
ADJUSTMENT CLERKS	360	1.23	9.79	43.75
LIBRARY ASSISTANTS AND BOOKMOBILE DRIVERS	50	0.17	10.03	37.50
ADVERTISING CLERKS	1,140	3.92	15.46	71.88
SECRETARIES	390	1.34	12.70	68.75
RECEPTIONISTS AND INFORMATION CLERKS	310	1.06	32.65	50.00
TYPISTS	260	0.89	44.57	31.25
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.06	7.48	31.25
FILE CLERKS	30	0.10	34.71	12.50
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	60	0.20	1.77	9.38
PROCUREMENT CLERKS	10	0.03	25.48	18.75
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	600	2.06	28.93	65.63
PAYROLL AND TIMEKEEPING CLERKS	30	0.10	13.23	34.38
BILLING, COST AND RATE CLERKS	110	0.37	24.45	40.63
GENERAL OFFICE CLERKS	630	2.16	25.62	46.88
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	380	1.29	N.A.	N.A.
MAIL MACHINE OPERATORS, PREPARATION AND HANDLING	210	0.72	43.13	25.00
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	70	0.24	9.51	34.38
DATA ENTRY KEYERS, EXCEPT COMPOSING	40	0.13	13.75	25.00
ALL OTHER OFFICE MACHINE OPERATORS	60	0.20	N.A.	N.A.
SWITCHBOARD OPERATORS	120	0.41	15.87	62.50
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	170	0.58	44.71	37.50
MESSENGERS	200	0.68	37.89	43.75
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	140	0.46	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	90	0.30	19.89	34.38
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	20	0.06	24.06	9.38
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	0.10	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	600	2.06	N.A.	N.A.
SERVICE OCCUPATIONS	470	1.60	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	30	0.10	11.59	21.88
GUARDS AND WATCH GUARDS	90	0.30	4.92	21.88
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	350	1.20	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	350	1.20	18.49	50.00

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	9,320	31.93	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	490	1.68	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	70	0.24	17.04	31.25
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	320	1.10	6.45	53.13
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	70	0.24	9.00	37.50
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	30	0.10	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	110	0.37	9.79	31.25
MAINTENANCE REPAIRERS, GENERAL UTILITY	30	0.10	24.44	18.75
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	80	0.27	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	90	0.30	N.A.	N.A.
ELECTRICIANS	70	0.24	5.46	21.88
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	20	0.06	9.98	18.75
PRECISION METAL WORKERS	60	0.20	N.A.	N.A.
PRECISION PRINTING WORKERS	890	3.05	N.A.	N.A.
PRECISION COMPOSITORS, TYPESETTERS, AND ARRANGERS	320	1.10	48.33	15.63
PRECISION LITHOGRAPHY AND PHOTOENGRAVING WORKERS	150	0.51	39.38	28.13
ALL OTHER PRECISION PRINTING WORKERS	420	1.44	N.A.	N.A.
PRECISION WORKERS, NEC	440	1.51	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	130	0.44	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	3,490	11.99	N.A.	N.A.
LETTERPRESS SETTERS AND SET-UP OPERATORS	610	2.09	12.59	31.25
ALL OTHER PRINTING PRESS SETTERS & SET-UP OPERATORS	800	2.75	N.A.	N.A.
PRINTING AND RELATED SETTERS AND SET-UP OPERATORS	460	1.58	N.A.	N.A.
TYPESETTING & COMPOSING MACHINE OPERATORS & TENDERS	1,350	4.64	22.28	68.75
ALL OTHER PRINTING, BINDING, AND RELATED MACHINE OPERATORS AND TENDERS	730	2.51	N.A.	N.A.
MOTOR VEHICLE OPERATORS	690	2.36	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	310	1.06	24.93	37.50
DRIVER/SALES WORKERS	380	1.30	14.51	31.25
ALL OTHER TRANSPORTATION AND RELATED WORKERS	160	0.55	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MATERIAL MOVING EQUIPMENT OPERATORS	380	1.30	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	410	1.41	28.91	18.75
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	80	0.27	16.51	15.63
HAND PACKERS AND PACKAGERS	650	2.23	25.10	15.63
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	500	1.71	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	180	0.61	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,840	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	250	8.78	N.A.	N.A.
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	80	2.81	20.60	30.23
ALL OTHER ADMINISTRATIVE MANAGERS	20	0.70	N.A.	N.A.
GENERAL MANAGERS AND TOP EXECUTIVES	130	4.57	17.86	46.51
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.70	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	620	21.79	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	20	0.70	N.A.	N.A.
COMPUTER PROGRAMMERS	20	0.70	15.57	11.63
WRITERS AND EDITORS	330	11.61	12.01	69.77
REPORTERS AND CORRESPONDENTS	70	2.46	38.64	16.28
ARTISTS AND RELATED WORKERS	80	2.81	31.15	27.91
DESIGNERS, EXCEPT INTERIOR DESIGNERS	40	1.40	36.36	18.60
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	80	2.81	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	530	18.64	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	20	0.70	26.66	16.28
SALES AGENTS, ADVERTISING	330	11.61	17.20	46.51
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	110	3.87	25.91	20.93
ALL OTHER SALES AND RELATED WORKERS	70	2.46	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	940	33.03	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	60	2.11	18.86	32.56
ADVERTISING CLERKS	70	2.46	16.84	20.93
PROOFREADERS AND COPY MARKERS	40	1.40	46.77	20.93
SECRETARIES	180	6.33	11.82	53.49
RECEPTIONISTS AND INFORMATION CLERKS	50	1.76	23.37	34.88
TYPISTS, WORD PROCESSING EQUIPMENT	70	2.46	18.48	23.26
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	20	0.70	26.00	13.95
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	120	4.22	15.01	51.16
GENERAL OFFICE CLERKS	70	2.46	25.40	18.60
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	130	4.57	N.A.	N.A.
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	30	1.05	12.75	9.30
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	60	2.11	N.A.	N.A.

SIC 272 PERIODICALS: PUBLISHING, PUB & PRINTIN
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	1.40	N.A.	N.A.
SERVICE OCCUPATIONS	10	0.35	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	490	17.20	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	30	1.05	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	30	1.05	33.06	13.95
PRECISION PRINTING WORKERS	50	1.75	N.A.	N.A.
PRECISION LITHOGRAPHY AND PHOTOENGRAVING WORKERS	20	0.70	38.44	6.98
ALL OTHER PRECISION PRINTING WORKERS	30	1.05	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	20	0.70	38.67	4.65
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	170	5.97	N.A.	N.A.
PRINTING PRESS MACHINE SETTERS AND SET-UP OPERATORS	30	1.05	N.A.	N.A.
PRINTING AND RELATED SETTERS AND SET-UP OPERATORS	70	2.46	N.A.	N.A.
TYPESETTING & COMPOSING MACHINE OPERATORS & TENDERS	50	1.76	18.66	25.58
PRINTING PRESS MACHINE OPERATORS AND TENDERS	70	2.46	44.04	6.98
BINDERY MACHINE OPERATORS	20	0.70	40.03	6.98
OTHER HAND WORKERS, NEC	20	0.70	0.00	2.33
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	110	3.87	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.70	N.A.	N.A.

SIC 273 BOOKS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,400	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	150	6.18	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	50	2.06	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	0.82	42.66	31.25
GENERAL MANAGERS AND TOP EXECUTIVES	80	3.30	15.05	81.25
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	180	7.39	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.82	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	20	0.82	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	10	0.41	0.00	12.50
COMPUTER PROGRAMMERS	10	0.41	32.63	18.75
WRITERS AND EDITORS	60	2.47	15.11	56.25
PUBLIC RELATIONS SPECIALISTS AND PUBLICITY WRITERS	10	0.41	2.04	12.50
ARTISTS AND RELATED WORKERS	30	1.23	12.06	43.75
DESIGNERS, EXCEPT INTERIOR DESIGNERS	10	0.41	31.23	18.75
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	1.23	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	390	16.10	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	20	0.82	4.98	18.75
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	350	14.46	4.77	43.75
NEWS AND STREET VENDORS, TELEPHONE SOLICITORS, DOOR-TO-DOOR SALES WORKERS, AND OTHER RELATED WORKERS	20	0.82	0.00	6.25
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	670	27.59	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10	0.41	1.71	18.75
PROOFREADERS AND COPY MARKERS	160	6.61	4.45	37.50
SECRETARIES	60	2.47	20.08	56.25
RECEPTIONISTS AND INFORMATION CLERKS	10	0.41	39.42	31.25
TYPISTS	20	0.82	0.74	18.75
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.82	4.35	25.00
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	60	2.47	14.97	37.50
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	50	2.06	16.87	56.25
BILLING, COST AND RATE CLERKS	20	0.82	0.00	12.50
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	110	4.53	N.A.	N.A.

SIC 273 BOOKS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
DATA KEYERS, COMPOSING	80	3.30	10.02	25.00
ALL OTHER OFFICE MACHINE OPERATORS	30	1.23	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	90	3.70	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	40	1.65	18.80	37.50
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	30	1.23	16.27	37.50
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.82	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	2.47	N.A.	N.A.
SERVICE OCCUPATIONS	20	0.82	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.82	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	990	40.82	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	60	2.47	N.A.	N.A.
PRECISION PRINTING WORKERS	310	12.80	N.A.	N.A.
PRECISION LITHOGRAPHY AND PHOTOENGRAVING WORKERS	200	8.26	3.79	31.25
ALL OTHER PRECISION PRINTING WORKERS	110	4.54	N.A.	N.A.
PRECISION WORKERS, NEC	30	1.23	N.A.	N.A.
PRECISION PHOTOGRAPHIC PROCESS WORKERS	30	1.23	5.18	18.75
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	40	1.65	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	230	9.48	N.A.	N.A.
PRINTING PRESS MACHINE SETTERS AND SET-UP OPERATORS	50	2.06	N.A.	N.A.
PHOTOENGRAVING AND LITHOGRAPHING PHOTOGRAPHERS	50	2.06	17.33	25.00
ALL OTHER PRINTING RELATED SETTERS & SET-UP OPERATORS	20	0.82	N.A.	N.A.
BINDERY MACHINE OPERATORS	70	2.89	28.40	18.75
ALL OTHER PRINTING, BINDING, AND RELATED MACHINE OPERATORS AND TENDERS	40	1.65	N.A.	N.A.
OTHER HAND WORKERS, NEC	70	2.89	N.A.	N.A.
CUTTERS AND TRIMMERS, HAND	70	2.89	1.58	25.00
MACHINE FEEDERS AND OFFBEARERS	50	2.06	3.77	18.75
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	60	2.47	0.00	12.50
HAND PACKERS AND PACKAGERS	70	2.89	15.17	18.75
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	30	1.23	0.00	6.25
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	40	1.65	N.A.	N.A.

SIC 274 MISCELLANEOUS PUBLISHING
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,770	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	310	8.20	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	10	0.26	9.05	20.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	50	1.32	23.88	36.00
ALL OTHER ADMINISTRATIVE MANAGERS	50	1.32	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	0.79	16.06	28.00
GENERAL MANAGERS AND TOP EXECUTIVES	140	3.72	14.92	84.00
ALL OTHER MANAGERS AND ADMINISTRATORS	30	0.79	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	780	20.72	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	30	0.79	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	140	3.72	N.A.	N.A.
WRITERS AND EDITORS	60	1.59	30.02	28.00
TECHNICAL WRITERS	90	2.39	32.19	12.00
ARTISTS AND RELATED WORKERS	170	4.52	29.89	40.00
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	290	7.71	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,000	26.58	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	40	1.06	40.05	20.00
SALES AGENTS, ADVERTISING	340	9.04	29.73	40.00
ALL OTHER SALES AND RELATED WORKERS	620	16.48	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,110	29.47	N.A.	N.A.
ADVERTISING CLERKS	60	1.59	32.79	20.00
PROOFREADERS AND COPY MARKERS	50	1.32	27.09	20.00
SECRETARIES	110	2.92	14.94	52.00
RECEPTIONISTS AND INFORMATION CLERKS	40	1.06	31.34	40.00
TYPISTS	60	1.59	46.25	24.00
TYPISTS, WORD PROCESSING EQUIPMENT	70	1.86	42.87	16.00
FILE CLERKS	20	0.53	20.31	12.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	140	3.72	16.65	52.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	110	2.92	N.A.	N.A.
MAIL MACHINE OPERATORS, PREPARATION AND HANDLING	40	1.06	32.69	12.00
ALL OTHER OFFICE MACHINE OPERATORS	70	1.86	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	120	3.19	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	330	8.77	N.A.	N.A.

SIC 274 MISCELLANEOUS PUBLISHING
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	570	15.12	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	30	0.79	N.A.	N.A.
PRECISION PRINTING WORKERS	160	4.24	N.A.	N.A.
PRECISION COMPOSITORS, TYPESETTERS, AND ARRANGERS	80	2.12	32.00	28.00
ALL OTHER PRECISION PRINTING WORKERS	80	2.12	N.A.	N.A.
PRECISION WORKERS, NEC	40	1.06	N.A.	N.A.
PRECISION DETAIL DESIGN DECORATORS AND PAINTERS	40	1.06	25.69	4.00
TRANSPORTATION EQUIPMENT OPERATORS	60	1.59	N.A.	N.A.
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	60	1.59	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	220	5.85	N.A.	N.A.

SIC 275 COMMERCIAL PRINTING
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	26,970	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	2,510	9.29	N.A.	N.A.
FINANCIAL MANAGERS	100	0.37	21.38	25.40
PURCHASING MANAGERS	50	0.18	37.72	14.29
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	190	0.70	48.53	17.46
ALL OTHER ADMINISTRATIVE MANAGERS	120	0.44	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	320	1.18	35.94	28.57
GENERAL MANAGERS AND TOP EXECUTIVES	1,670	6.20	16.53	73.02
ALL OTHER MANAGERS AND ADMINISTRATORS	60	0.22	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,310	4.83	N.A.	N.A.
COST ESTIMATORS	430	1.59	23.18	36.51
ALL OTHER MANAGEMENT SUPPORT WORKERS	80	0.29	N.A.	N.A.
ENGINEERS	60	0.22	N.A.	N.A.
ARTISTS AND RELATED WORKERS	370	1.37	37.03	20.63
DESIGNERS, EXCEPT INTERIOR DESIGNERS	250	0.92	42.63	12.70
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	120	0.44	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	2,090	7.75	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	190	0.70	47.51	15.87
SALES AGENTS, ADVERTISING	410	1.52	31.34	20.63
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	1,350	5.01	20.76	42.86
ALL OTHER SALES AND RELATED WORKERS	140	0.52	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	4,170	15.43	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	290	1.07	34.76	30.16
PROOFREADERS AND COPY MARKERS	170	0.63	34.63	17.46
SECRETARIES	760	2.82	20.23	46.03
RECEPTIONISTS AND INFORMATION CLERKS	220	0.81	30.71	36.51
TYPISTS	60	0.22	37.71	11.11
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	140	0.52	38.62	14.29
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	470	1.74	23.47	46.03
PAYROLL AND TIMEKEEPING CLERKS	40	0.14	30.48	14.29
GENERAL OFFICE CLERKS	520	1.93	25.42	36.51
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	250	0.92	N.A.	N.A.

SIC 275 COMMERCIAL PRINTING
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MAIL MACHINE OPERATORS, PREPARATION AND HANDLING	50	0.18	45.25	7.94
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	30	0.11	39.09	6.35
ALL OTHER OFFICE MACHINE OPERATORS	170	0.63	N.A.	N.A.
SWITCHBOARD OPERATORS	30	0.11	38.44	9.52
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	20	0.07	47.15	4.76
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	960	3.56	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	240	0.89	31.85	23.81
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	490	1.82	17.36	39.68
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	230	0.85	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	240	0.89	N.A.	N.A.
SERVICE OCCUPATIONS	230	0.85	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	200	0.74	N.A.	N.A.
ALL OTHER SERVICE WORKERS	30	0.11	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	16,660	61.75	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,010	3.74	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	940	3.49	17.29	46.03
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	50	0.18	38.49	7.94
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.07	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	130	0.48	49.10	11.11
MACHINERY MAINTENANCE MECHANICS	50	0.18	35.92	11.11
MAINTENANCE REPAIRERS, GENERAL UTILITY	160	0.59	29.90	19.05
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	80	0.29	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	30	0.11	N.A.	N.A.
ELECTRICIANS	30	0.11	21.42	6.35
PRECISION METAL WORKERS	210	0.78	N.A.	N.A.
PRECISION PRINTING WORKERS	3,500	12.98	N.A.	N.A.
PRECISION COMPOSITORS, TYPESETTERS, AND ARRANGERS	630	2.34	33.79	25.40
JOB PRINTERS	1,170	4.34	34.12	23.81
PRECISION LITHOGRAPHY AND PHOTOENGRAVING WORKERS	1,450	5.38	14.41	52.38

SIC 275 COMMERCIAL PRINTING
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
BOOKBINDERS	200	0.74	48.53	9.52
ALL OTHER PRECISION PRINTING WORKERS	50	0.18	46.79	4.76
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	9,070	33.65	N.A.	N.A.
OFFSET LITHOGRAPHIC PRESS SETTERS & SET-UP OPERATORS	2,560	9.51	18.46	41.27
ALL OTHER PRINTING PRESS SETTERS & SET-UP OPERATORS	780	2.89	N.A.	N.A.
PHOTOENGRAVING AND LITHOGRAPHING PHOTOGRAPHERS	350	1.30	35.27	22.22
BINDERY MACHINE SETTERS AND SET-UP OPERATORS	720	2.67	31.70	26.98
ALL OTHER PRINTING RELATED SETTERS & SET-UP OPERATORS	620	2.30	N.A.	N.A.
PRINTING PRESS MACHINE OPERATORS AND TENDERS	1,690	6.28	24.46	33.33
BINDERY MACHINE OPERATORS	920	3.41	20.88	34.92
ALL OTHER PRINTING, BINDING, AND RELATED MACHINE OPERATORS AND TENDERS	690	2.56	N.A.	N.A.
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	230	0.85	24.01	25.40
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	320	1.18	30.75	9.52
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	100	0.37	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	90	0.33	N.A.	N.A.
MOTOR VEHICLE OPERATORS	500	1.84	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	40	0.14	24.80	6.35
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	460	1.70	26.44	39.68
MATERIAL MOVING EQUIPMENT OPERATORS	20	0.07	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	20	0.07	34.39	3.17
MACHINE FEEDERS AND OFFBEARERS	440	1.63	44.09	14.29
HAND PACKERS AND PACKAGERS	540	2.00	32.28	17.46
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	560	2.08	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	360	1.33	N.A.	N.A.

SIC 276 MANIFOLD BUSINESS FORMS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	4,150	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	250	6.00	N.A.	N.A.
FINANCIAL MANAGERS	30	0.72	13.07	45.45
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	10	0.24	9.48	36.36
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	30	0.72	41.01	22.73
ADMINISTRATIVE SERVICES MANAGERS	20	0.48	6.28	22.73
ALL OTHER ADMINISTRATIVE MANAGERS	10	0.24	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	40	0.96	16.26	40.91
GENERAL MANAGERS AND TOP EXECUTIVES	80	1.92	12.23	72.73
ALL OTHER MANAGERS AND ADMINISTRATORS	30	0.72	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	220	5.28	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.48	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	20	0.48	12.23	22.73
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	10	0.24	26.49	22.73
COST ESTIMATORS	30	0.72	41.55	31.82
ALL OTHER MANAGEMENT SUPPORT WORKERS	10	0.24	38.95	9.09
COMPUTER SCIENTISTS AND RELATED WORKERS	30	0.72	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	10	0.24	17.49	13.64
COMPUTER PROGRAMMERS	20	0.48	18.43	13.64
DESIGNERS, EXCEPT INTERIOR DESIGNERS	50	1.20	25.77	22.73
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	70	1.68	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	270	6.48	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	50	1.20	20.90	45.45
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	200	4.80	33.48	27.27
ALL OTHER SALES AND RELATED WORKERS	20	0.48	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	970	23.28	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	70	1.68	19.23	59.09
ADJUSTMENT CLERKS	90	2.16	14.51	40.91
PROOFREADERS AND COPY MARKERS	60	1.44	16.97	27.27
SECRETARIES	90	2.16	13.16	77.27
TYPISTS	20	0.48	21.49	27.27
FILE CLERKS	50	1.20	4.67	31.82

SIC 276 MANIFOLD BUSINESS FORMS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	60	1.44	31.51	27.27
PROCUREMENT CLERKS	20	0.48	14.59	31.82
INTERVIEWING CLERKS, EXCEPT PERSONNEL AND SOCIAL WELFARE	10	0.24	0.00	4.55
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	60	1.44	16.92	54.55
BILLING, COST AND RATE CLERKS	60	1.44	6.94	31.82
GENERAL OFFICE CLERKS	60	1.44	18.07	50.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	60	1.44	N.A.	N.A.
DATA KEYERS, COMPOSING	30	0.72	33.35	18.18
ALL OTHER OFFICE MACHINE OPERATORS	30	0.72	N.A.	N.A.
SWITCHBOARD OPERATORS	20	0.48	12.91	40.91
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	10	0.24	16.40	18.18
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	190	4.56	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	40	0.96	21.15	40.91
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	60	1.44	30.40	45.45
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	90	2.16	21.64	59.09
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	0.96	N.A.	N.A.
SERVICE OCCUPATIONS	70	1.68	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	60	1.44	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	60	1.44	14.26	50.00
ALL OTHER SERVICE WORKERS	10	0.24	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,370	56.89	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	140	3.36	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	120	2.88	10.07	54.55
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.48	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	30	0.72	17.19	31.82
MAINTENANCE REPAIRERS, GENERAL UTILITY	30	0.72	24.76	27.27
PRECISION METAL WORKERS	70	1.68	N.A.	N.A.
PRECISION PRINTING WORKERS	260	6.24	N.A.	N.A.
PRECISION COMPOSITORS, TYPESETTERS, AND ARRANGERS	70	1.68	28.29	22.73
JOB PRINTERS	60	1.44	39.42	31.82

SIC 276 MANIFOLD BUSINESS FORMS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION LITHOGRAPHY AND PHOTOENGRAVING WORKERS	70	1.68	31.49	36.36
ALL OTHER PRECISION PRINTING WORKERS	60	1.44	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,290	30.97	N.A.	N.A.
OFFSET LITHOGRAPHIC PRESS SETTERS & SET-UP OPERATORS	250	6.00	23.50	36.36
ALL OTHER PRINTING PRESS SETTERS & SET-UP OPERATORS	80	1.92	N.A.	N.A.
PHOTOENGRAVING AND LITHOGRAPHING PHOTOGRAPHERS	30	0.72	43.75	27.27
BINDERY MACHINE SETTERS AND SET-UP OPERATORS	60	1.44	25.38	18.18
ALL OTHER PRINTING RELATED SETTERS & SET-UP OPERATORS	60	1.44	N.A.	N.A.
PRINTING PRESS MACHINE OPERATORS AND TENDERS	380	9.13	18.16	40.91
BINDERY MACHINE OPERATORS	120	2.88	17.13	45.45
ALL OTHER PRINTING, BINDING, AND RELATED MACHINE OPERATORS AND TENDERS	100	2.40	N.A.	N.A.
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	60	1.44	29.48	31.82
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	70	1.68	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	80	1.92	N.A.	N.A.
OTHER HAND WORKERS, NEC	20	0.48	0.00	4.55
MOTOR VEHICLE OPERATORS	40	0.96	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	40	0.96	31.69	31.82
ALL OTHER TRANSPORTATION AND RELATED WORKERS	20	0.48	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	50	1.20	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	50	1.20	16.50	31.82
MACHINE FEEDERS AND OFFBEARERS	140	3.36	26.43	31.82
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	90	2.16	20.92	31.82
HAND PACKERS AND PACKAGERS	130	3.12	23.72	27.27
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	20	0.48	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	40	0.96	N.A.	N.A.

SIC 278 BLANKBOOKS, LOOSELEAF BNDRS & BOOKBNDG
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,900	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	210	7.28	N.A.	N.A.
FINANCIAL MANAGERS	20	0.69	17.47	34.78
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.69	36.84	26.09
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.69	25.60	30.43
ALL OTHER ADMINISTRATIVE MANAGERS	10	0.34	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	60	2.09	17.60	52.17
GENERAL MANAGERS AND TOP EXECUTIVES	80	2.78	13.13	73.91
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	100	3.45	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	10	0.34	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	10	0.34	40.55	13.04
COST ESTIMATORS	20	0.69	34.06	21.74
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.69	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	10	0.34	N.A.	N.A.
COMPUTER PROGRAMMERS	10	0.34	48.62	8.70
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	1.39	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	130	4.52	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	120	4.18	16.05	52.17
ALL OTHER SALES AND RELATED WORKERS	10	0.34	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	530	18.40	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.69	23.94	26.09
ADJUSTMENT CLERKS	60	2.09	14.92	34.78
PROOFREADERS AND COPY MARKERS	20	0.69	42.39	21.74
SECRETARIES	40	1.39	20.42	65.22
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	30	1.04	34.17	21.74
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	50	1.74	17.81	47.83
BILLING, COST AND RATE CLERKS	50	1.74	25.20	30.43
GENERAL OFFICE CLERKS	30	1.04	38.21	30.43
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	70	2.43	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	80	2.77	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	30	1.04	25.45	17.39
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	30	1.04	30.36	30.43

SIC 278 BLANKBOOKS, LOOSELEAF BNDRS & BOOKBNDG
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.69	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	80	2.78	N.A.	N.A.
SERVICE OCCUPATIONS	20	0.69	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.69	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	20	0.69	23.84	30.43
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,910	66.47	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	80	2.78	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	60	2.09	24.00	34.78
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.69	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	40	1.39	47.14	17.39
MACHINERY MAINTENANCE MECHANICS	40	1.39	26.90	21.74
MAINTENANCE REPAIRERS, GENERAL UTILITY	10	0.34	26.97	26.09
PRECISION PRINTING WORKERS	200	6.96	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	930	32.37	N.A.	N.A.
PRINTING PRESS MACHINE SETTERS AND SET-UP OPERATORS	60	2.09	N.A.	N.A.
BINDERY MACHINE SETTERS AND SET-UP OPERATORS	120	4.18	35.85	26.09
ALL OTHER PRINTING RELATED SETTERS & SET-UP OPERATORS	60	2.09	N.A.	N.A.
PRINTING PRESS MACHINE OPERATORS AND TENDERS	170	5.92	24.82	34.78
BINDERY MACHINE OPERATORS	240	8.36	26.43	39.13
ALL OTHER PRINTING, BINDING, AND RELATED MACHINE OPERATORS AND TENDERS	90	3.13	N.A.	N.A.
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	100	3.48	31.16	34.78
CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS	10	0.34	40.23	8.70
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	30	1.04	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	50	1.74	N.A.	N.A.
OTHER HAND WORKERS, NEC	190	6.62	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	30	1.04	N.A.	N.A.
HAND PACKERS AND PACKAGERS	240	8.36	19.19	56.52
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	150	5.22	N.A.	N.A.

SIC 279 SERVICE INDUSTRIES FOR PRINTING TRADE
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,480	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	160	6.43	N.A.	N.A.
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	10	0.40	29.70	19.15
ALL OTHER ADMINISTRATIVE MANAGERS	10	0.40	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	1.20	27.21	27.66
GENERAL MANAGERS AND TOP EXECUTIVES	110	4.43	14.34	68.09
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	140	5.62	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.80	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	10	0.40	N.A.	N.A.
COMPUTER PROGRAMMERS	10	0.40	33.34	17.02
ARTISTS AND RELATED WORKERS	70	2.82	31.28	23.40
DESIGNERS, EXCEPT INTERIOR DESIGNERS	20	0.80	41.17	8.51
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.80	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	210	8.45	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	20	0.80	37.06	14.89
SALES AGENTS, ADVERTISING	50	2.01	29.36	14.89
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	130	5.24	15.58	53.19
ALL OTHER SALES AND RELATED WORKERS	10	0.40	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	610	24.53	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	30	1.20	36.02	25.53
ADJUSTMENT CLERKS	20	0.80	39.87	6.38
PROOFREADERS AND COPY MARKERS	140	5.64	18.01	40.43
SECRETARIES	40	1.61	28.30	23.40
RECEPTIONISTS AND INFORMATION CLERKS	20	0.80	25.94	27.66
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	80	3.22	13.66	57.45
GENERAL OFFICE CLERKS	30	1.20	28.93	27.66
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	100	4.03	N.A.	N.A.
MESSENGERS	50	2.01	18.01	27.66
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	60	2.41	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	40	1.61	20.66	27.66
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.80	N.A.	N.A.

SIC 279 SERVICE INDUSTRIES FOR PRINTING TRADE
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	1.61	N.A.	N.A.
SERVICE OCCUPATIONS	20	0.80	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.80	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	20	0.80	28.46	25.53
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,340	53.94	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	60	2.41	N.A.	N.A.
PRECISION METAL WORKERS	20	0.80	N.A.	N.A.
PRECISION ETCHERS AND ENGRAVERS, HAND OR MACHINE	20	0.80	48.28	2.13
PRECISION PRINTING WORKERS	380	15.31	N.A.	N.A.
PRECISION COMPOSITORS, TYPESETTERS, AND ARRANGERS	70	2.82	31.61	21.28
JOB PRINTERS	10	0.40	43.92	4.26
PRECISION LITHOGRAPHY AND PHOTOENGRAVING WORKERS	280	11.29	15.80	38.30
ALL OTHER PRECISION PRINTING WORKERS	20	0.80	N.A.	N.A.
PRECISION WORKERS, NEC	70	2.81	N.A.	N.A.
PRECISION PHOTOGRAPHIC PROCESS WORKERS	40	1.61	17.03	8.51
ALL OTHER PRECISION WORKERS, NEC	30	1.20	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	380	15.31	N.A.	N.A.
OFFSET LITHOGRAPHIC PRESS SETTERS & SET-UP OPERATORS	40	1.61	26.79	10.64
PRINTING AND RELATED SETTERS AND SET-UP OPERATORS	170	6.85	N.A.	N.A.
TYPESETTING & COMPOSING MACHINE OPERATORS & TENDERS	260	10.48	19.49	46.81
PRINTING PRESS MACHINE OPERATORS AND TENDERS	40	1.61	44.52	14.89
ALL OTHER PRINTING, BINDING, AND RELATED MACHINE OPERATORS AND TENDERS	40	1.61	N.A.	N.A.
OTHER HAND WORKERS, NEC	60	2.41	N.A.	N.A.
MOTOR VEHICLE OPERATORS	50	2.01	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	50	2.01	16.19	27.66
ALL OTHER TRANSPORTATION AND RELATED WORKERS	20	0.80	N.A.	N.A.
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	70	2.82	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	60	2.41	N.A.	N.A.

SIC 28   CHEMICALS/ALLIED PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	74,120	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	5,330	7.16	N.A.	N.A.
FINANCIAL MANAGERS	320	0.43	6.44	46.34
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	230	0.31	4.75	45.85
PURCHASING MANAGERS	180	0.24	7.38	40.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	630	0.85	14.14	32.68
ADMINISTRATIVE SERVICES MANAGERS	100	0.13	11.60	15.61
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	550	0.74	6.89	42.93
INDUSTRIAL PRODUCTION MANAGERS	1,190	1.60	5.07	72.68
GENERAL MANAGERS AND TOP EXECUTIVES	1,110	1.49	6.97	77.56
ALL OTHER MANAGERS AND ADMINISTRATORS	1,020	1.37	18.04	32.20
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	14,060	18.81	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	730	0.97	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	580	0.78	6.11	46.83
BUDGET ANALYSTS	40	0.05	12.97	8.29
ALL OTHER FINANCIAL SPECIALISTS	110	0.14	13.65	8.78
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	430	0.58	5.33	52.20
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	350	0.47	4.35	34.63
COST ESTIMATORS	30	0.04	19.92	4.88
COMPLIANCE OFFICERS AND ENFORCEMENT INSPECTORS, EXCEPT CONSTRUCTION	80	0.10	11.83	9.27
ALL OTHER MANAGEMENT SUPPORT WORKERS	390	0.52	11.88	14.63
ENGINEERS	4,620	6.22	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	60	0.08	13.17	6.83
CHEMICAL ENGINEERS	2,400	3.24	5.56	50.24
CIVIL ENGINEERS, INCLUDING TRAFFIC	90	0.12	24.91	10.24
ELECTRICAL AND ELECTRONIC ENGINEERS	440	0.59	7.07	21.95
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	580	0.78	17.12	20.00
SAFETY ENGINEERS, EXCEPT MINING	130	0.17	7.81	27.32
MECHANICAL ENGINEERS	800	1.08	5.89	40.98
ALL OTHER ENGINEERS	120	0.16	20.77	9.27
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	1,500	2.00	N.A.	N.A.
CIVIL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	30	0.04	38.64	2.93
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	340	0.45	17.11	14.15
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	250	0.33	19.29	5.37
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	260	0.35	22.95	9.27

SIC 28 CHEMICALS/ALLIED PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
DRAFTERS	270	0.36	14.20	19.51
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	350	0.47	12.79	12.20
PHYSICAL SCIENTISTS	1,560	2.09	N.A.	N.A.
CHEMISTS, EXCEPT BIOCHEMISTS	1,450	1.95	11.15	55.61
ALL OTHER PHYSICAL SCIENTISTS	110	0.14	6.69	11.22
LIFE SCIENTISTS	140	0.18	N.A.	N.A.
BIOLOGICAL SCIENTISTS	110	0.14	4.92	5.37
ALL OTHER LIFE SCIENTISTS	30	0.04	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	3,070	4.13	N.A.	N.A.
BIOLOGICAL, AGRICULTURAL, AND FOOD TECHNICIANS AND TECHNOLOGISTS, EXCEPT HEALTH	160	0.21	25.46	4.39
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	2,820	3.80	3.63	55.12
ALL OTHER PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	90	0.12	5.23	4.39
COMPUTER SCIENTISTS AND RELATED WORKERS	680	0.90	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	360	0.48	6.10	23.41
COMPUTER PROGRAMMERS	240	0.32	12.49	20.00
COMPUTER PROGRAMMER AIDES	80	0.10	13.09	10.24
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	10	0.01	N.A.	N.A.
MATHEMATICAL SCIENTISTS	10	0.01	12.46	1.95
LAWYERS	60	0.08	6.97	4.88
REGISTERED NURSES	100	0.13	7.06	20.00
ALL OTHER HEALTH PROFESSIONALS, PARAPROFESSIONALS, AND TECHNICIANS	70	0.09	8.33	11.22
WRITERS AND EDITORS	20	0.02	27.84	2.44
DESIGNERS, EXCEPT INTERIOR DESIGNERS	50	0.06	26.36	4.39
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	170	0.22	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	2,500	3.36	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	550	0.74	17.24	21.46
SALES ENGINEERS	200	0.27	26.16	8.29
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	800	1.08	16.83	19.51
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	780	1.05	16.19	16.59
ALL OTHER SALES AND RELATED WORKERS	170	0.22	22.89	10.24
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	9,030	12.06	N.A.	N.A.

SIC 28 CHEMICALS/ALLIED PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	800	1.08	10.15	48.29
ADJUSTMENT CLERKS	240	0.32	16.06	10.73
SECRETARIES	1,880	2.53	5.16	76.10
STENOGRAPHERS	90	0.12	39.95	3.41
RECEPTIONISTS AND INFORMATION CLERKS	130	0.17	11.69	20.49
TYPISTS	270	0.36	13.81	17.07
TYPISTS, WORD PROCESSING EQUIPMENT	100	0.13	18.78	10.73
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	180	0.24	4.58	33.66
FILE CLERKS	40	0.05	27.35	8.29
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	330	0.44	11.12	27.32
PROCUREMENT CLERKS	130	0.17	9.20	21.95
STATISTICAL CLERKS	20	0.02	14.51	4.39
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	730	0.98	6.08	50.24
PAYROLL AND TIMEKEEPING CLERKS	150	0.20	9.46	32.68
BILLING, COST AND RATE CLERKS	120	0.16	20.49	20.00
GENERAL OFFICE CLERKS	1,050	1.41	7.81	45.85
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	370	0.47	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	190	0.25	7.92	26.83
PERIPHERAL EDP EQUIPMENT OPERATORS	20	0.02	25.44	3.41
DATA ENTRY KEYERS, EXCEPT COMPOSING	140	0.18	7.18	25.37
ALL OTHER OFFICE MACHINE OPERATORS	20	0.02	31.60	6.34
SWITCHBOARD OPERATORS	90	0.12	11.13	22.93
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	70	0.09	12.92	14.15
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	2,150	2.88	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	530	0.71	9.24	33.17
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	30	0.04	38.73	5.85
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	560	0.75	11.02	39.02
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	980	1.32	7.03	50.73
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	50	0.06	17.56	5.37
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	90	0.12	12.50	12.20
SERVICE OCCUPATIONS	870	1.16	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	140	0.18	15.38	15.61
GUARDS AND WATCH GUARDS	350	0.47	5.02	17.56
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	320	0.43	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	320	0.43	9.61	25.85

SIC 28 CHEMICALS/ALLIED PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER SERVICE WORKERS	60	0.08	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	90	0.12	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	42,240	56.75	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	5,300	7.12	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	1,170	1.57	6.39	42.44
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	250	0.33	15.04	13.17
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	3,450	4.65	3.60	77.07
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	240	0.32	8.06	28.78
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	190	0.25	37.30	16.10
PRECISION INSPECTORS, TESTERS, AND GRADERS	90	0.12	14.46	8.29
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	520	0.70	10.90	20.98
MACHINERY MAINTENANCE MECHANICS	1,250	1.68	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, WATER OR POWER GENERATION PLANT	720	0.97	11.72	14.63
ALL OTHER MACHINERY MAINTENANCE MECHANICS	530	0.71	8.03	16.10
MILLWRIGHTS	200	0.27	20.27	5.85
MACHINERY MAINTENANCE WORKERS	200	0.27	27.58	10.24
MAINTENANCE REPAIRERS, GENERAL UTILITY	2,810	3.79	16.95	46.34
AUTOMOTIVE MECHANICS	60	0.08	25.90	5.85
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	40	0.05	29.10	2.93
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	70	0.09	14.83	5.85
PRECISION INSTRUMENT REPAIRERS	1,270	1.71	5.99	26.34
MECHANICAL CONTROL AND VALVE INSTALLERS AND REPAIRERS	110	0.14	16.42	6.83
RIGGERS	150	0.20	32.29	4.88
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	220	0.29	23.21	4.39
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	2,910	3.90	N.A.	N.A.
CARPENTERS	340	0.45	11.58	14.15
ELECTRICIANS	1,050	1.41	6.64	31.71
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	190	0.25	8.98	10.73

SIC 28 CHEMICALS/ALLIED PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	1,230	1.66	7.93	14.63
INSULATION WORKERS	100	0.13	10.93	7.32
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	200	0.27	45.22	4.88
PRECISION METAL WORKERS	1,250	1.68	N.A.	N.A.
MACHINISTS	810	1.09	17.46	15.12
BOILERMAKERS	230	0.31	17.92	6.34
ALL OTHER PRECISION METAL WORKERS	210	0.28	N.A.	N.A.
PRECISION WORKERS, NEC	10	0.01	43.71	1.46
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	12,530	16.86	N.A.	N.A.
EXTRUDING AND FORMING MACHINE OPERATORS AND TENDERS, SYNTHETIC OR GLASS FIBERS	60	0.08	37.67	0.49
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	280	0.37	28.40	7.32
BOILER OPERATORS AND TENDERS, LOW PRESSURE	160	0.21	14.61	5.37
CHEMICAL EQUIPMENT CONTROLLERS AND OPERATORS	6,160	8.31	6.97	34.15
CHEMICAL EQUIPMENT TENDERS	1,180	1.59	16.54	13.17
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	80	0.10	32.16	5.37
SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE OPERATORS AND TENDERS	190	0.25	22.90	6.83
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	1,490	2.01	10.08	31.71
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	120	0.16	21.53	7.32
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	2,250	3.03	6.76	31.22
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	240	0.32	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	320	0.43	N.A.	N.A.
OTHER HAND WORKERS, NEC	1,320	1.78	N.A.	N.A.
WELDERS AND CUTTERS	400	0.54	9.84	16.10
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	720	0.97	16.32	4.39
ALL OTHER HAND WORKERS, NEC	200	0.27	41.32	2.44
PLANT AND SYSTEM WORKERS	5,930	7.98	N.A.	N.A.
WATER AND LIQUID WASTE TREATMENT PLANT & SYSTEM OPERATORS	130	0.17	9.98	8.29
CHEMICAL PLANT AND SYSTEM OPERATORS	5,200	7.02	11.02	26.83
POWER DISTRIBUTORS AND DISPATCHERS	140	0.18	20.47	4.88
STATIONARY ENGINEERS	80	0.10	21.03	4.88
ALL OTHER PLANT AND SYSTEM OPERATORS	380	0.51	14.52	3.41
MOTOR VEHICLE OPERATORS	1,070	1.44	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	690	0.93	20.91	22.44

SIC 28 CHEMICALS/ALLIED PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	380	0.51	19.97	18.54
ALL OTHER TRANSPORTATION AND RELATED WORKERS	40	0.05	24.81	1.46
MATERIAL MOVING EQUIPMENT OPERATORS	1,390	1.85	N.A.	N.A.
TANK CAR AND TRUCK LOADERS	520	0.70	9.68	18.05
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	590	0.79	14.02	20.49
CONVEYOR OPERATORS AND TENDERS	60	0.08	13.03	2.93
PUMP OPERATORS	140	0.18	27.04	5.37
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	80	0.10	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	140	0.18	21.20	11.22
CONSTRUCTION TRADES AND EXTRACTIVE WORKER HELPERS	40	0.05	27.10	3.41
MACHINE FEEDERS AND OFFBEARERS	250	0.33	32.99	4.88
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	1,040	1.40	9.99	31.71
HAND PACKERS AND PACKAGERS	260	0.35	17.84	9.76
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,570	2.11	9.38	27.32

SIC 281 INDUSTRIAL INORGANIC CHEMICALS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	6,860	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	700	10.20	N.A.	N.A.
FINANCIAL MANAGERS	50	0.73	26.92	41.67
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	30	0.43	9.66	45.83
PURCHASING MANAGERS	20	0.29	15.00	33.33
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	100	1.46	38.02	37.50
ADMINISTRATIVE SERVICES MANAGERS	10	0.14	27.97	20.83
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	50	0.73	17.40	37.50
INDUSTRIAL PRODUCTION MANAGERS	150	2.19	18.31	70.83
GENERAL MANAGERS AND TOP EXECUTIVES	180	2.63	22.35	66.67
ALL OTHER MANAGERS AND ADMINISTRATORS	110	1.60	28.36	25.00
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	850	12.34	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	50	0.73	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	40	0.58	17.45	45.83
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.29	35.86	20.83
ALL OTHER MANAGEMENT SUPPORT WORKERS	30	0.43	N.A.	N.A.
ENGINEERS	320	4.65	N.A.	N.A.
CHEMICAL ENGINEERS	240	3.50	18.92	62.50
ELECTRICAL AND ELECTRONIC ENGINEERS	20	0.29	14.99	20.83
SAFETY ENGINEERS, EXCEPT MINING	20	0.29	26.10	16.67
MECHANICAL ENGINEERS	30	0.43	15.11	33.33
ALL OTHER ENGINEERS	10	0.14	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	80	1.16	N.A.	N.A.
DRAFTERS	20	0.29	33.71	25.00
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	60	0.87	N.A.	N.A.
PHYSICAL SCIENTISTS	50	0.73	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	160	2.33	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	160	2.33	15.07	54.17
COMPUTER SCIENTISTS AND RELATED WORKERS	50	0.72	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	30	0.43	32.55	12.50
COMPUTER PROGRAMMERS	20	0.29	26.76	16.67
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	20	0.29	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.43	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	350	5.10	N.A.	N.A.

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	130	1.90	47.73	25.00
SALES ENGINEERS	80	1.16	49.38	20.83
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	50	0.73	38.96	12.50
ALL OTHER SALES AND RELATED WORKERS	90	1.31	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	910	13.23	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	90	1.31	25.46	50.00
SECRETARIES	230	3.36	19.56	66.67
RECEPTIONISTS AND INFORMATION CLERKS	30	0.43	26.06	25.00
TYPISTS	10	0.14	26.77	16.67
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.29	13.28	37.50
PROCUREMENT CLERKS	20	0.29	36.02	25.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	90	1.31	24.19	54.17
GENERAL OFFICE CLERKS	110	1.60	37.39	45.83
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	40	0.58	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	20	0.29	30.66	20.83
ALL OTHER OFFICE MACHINE OPERATORS	20	0.29	N.A.	N.A.
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	10	0.14	20.55	20.83
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	180	2.62	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	60	0.87	26.13	33.33
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	120	1.75	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	80	1.16	N.A.	N.A.
SERVICE OCCUPATIONS	20	0.28	N.A.	N.A.
GUARDS AND WATCH GUARDS	10	0.14	24.65	16.67
ALL OTHER SERVICE WORKERS	10	0.14	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	4,030	58.74	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	430	6.26	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	80	1.16	12.72	50.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	30	0.43	26.39	20.83

SIC 281 INDUSTRIAL INORGANIC CHEMICALS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	300	4.38	12.47	66.67
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	20	0.29	32.28	33.33
MACHINERY MAINTENANCE MECHANICS	110	1.60	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, WATER OR POWER GENERATION PLANT	70	1.02	39.07	20.83
ALL OTHER MACHINERY MAINTENANCE MECHANICS	40	0.58	48.83	8.33
MILLWRIGHTS	90	1.31	37.59	8.33
MAINTENANCE REPAIRERS, GENERAL UTILITY	220	3.21	26.98	50.00
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	40	0.58	30.68	20.83
PRECISION INSTRUMENT REPAIRERS	110	1.60	17.41	41.67
RIGGERS	20	0.29	29.44	12.50
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	40	0.58	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	190	2.76	N.A.	N.A.
CARPENTERS	10	0.14	24.62	20.83
ELECTRICIANS	100	1.46	28.04	41.67
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	70	1.02	27.84	20.83
INSULATION WORKERS	10	0.14	31.16	12.50
PRECISION METAL WORKERS	40	0.58	N.A.	N.A.
MACHINISTS	20	0.29	28.40	16.67
ALL OTHER PRECISION METAL WORKERS	20	0.29	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	880	12.84	N.A.	N.A.
CHEMICAL EQUIPMENT CONTROLLERS AND OPERATORS	430	6.28	26.27	41.67
CHEMICAL EQUIPMENT TENDERS	80	1.16	32.06	20.83
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	100	1.46	48.22	33.33
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	270	3.94	N.A.	N.A.
OTHER HAND WORKERS, NEC	80	1.16	N.A.	N.A.
PLANT AND SYSTEM WORKERS	930	13.58	N.A.	N.A.
WATER AND LIQUID WASTE TREATMENT PLANT & SYSTEM OPERATORS	10	0.14	31.78	12.50
CHEMICAL PLANT AND SYSTEM OPERATORS	840	12.28	24.25	45.83
STATIONARY ENGINEERS	40	0.58	39.64	8.33
ALL OTHER PLANT AND SYSTEM OPERATORS	40	0.58	45.63	4.17
MOTOR VEHICLE OPERATORS	400	5.84	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	310	4.53	41.00	29.17
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	90	1.31	32.96	20.83
MATERIAL MOVING EQUIPMENT OPERATORS	200	2.91	N.A.	N.A.
TANK CAR AND TRUCK LOADERS	80	1.16	28.20	25.00

SIC 281 INDUSTRIAL INORGANIC CHEMICALS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	120	1.75	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	40	0.58	40.38	20.83
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	30	0.43	24.85	29.17
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	130	1.90	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	50	0.73	N.A.	N.A.

SIC 282 PLASTICS MTLS, SYNTHETICS, EXCPT GLASS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	8,970	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	590	6.53	N.A.	N.A.
FINANCIAL MANAGERS	40	0.44	8.88	50.00
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	30	0.33	4.77	60.71
PURCHASING MANAGERS	20	0.22	9.79	39.29
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	40	0.44	11.98	17.86
ADMINISTRATIVE SERVICES MANAGERS	10	0.11	15.11	21.43
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	70	0.77	9.56	57.14
INDUSTRIAL PRODUCTION MANAGERS	190	2.11	7.43	89.29
GENERAL MANAGERS AND TOP EXECUTIVES	80	0.89	8.87	75.00
ALL OTHER MANAGERS AND ADMINISTRATORS	110	1.22	7.14	64.29
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,430	15.83	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	90	0.99	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	70	0.77	9.16	57.14
ALL OTHER FINANCIAL SPECIALISTS	20	0.22	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	40	0.44	8.08	71.43
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	60	0.66	8.35	53.57
COMPLIANCE OFFICERS AND ENFORCEMENT INSPECTORS, EXCEPT CONSTRUCTION	10	0.11	21.76	14.29
ALL OTHER MANAGEMENT SUPPORT WORKERS	50	0.55	N.A.	N.A.
ENGINEERS	390	4.32	N.A.	N.A.
CHEMICAL ENGINEERS	190	2.11	6.08	71.43
ELECTRICAL AND ELECTRONIC ENGINEERS	20	0.22	11.33	28.57
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	30	0.33	6.84	35.71
SAFETY ENGINEERS, EXCEPT MINING	20	0.22	7.60	42.86
MECHANICAL ENGINEERS	110	1.22	16.32	57.14
ALL OTHER ENGINEERS	20	0.22	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	50	0.55	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	20	0.22	34.38	17.86
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	30	0.33	N.A.	N.A.
PHYSICAL SCIENTISTS	150	1.66	N.A.	N.A.
CHEMISTS, EXCEPT BIOCHEMISTS	130	1.44	5.88	67.86
ALL OTHER PHYSICAL SCIENTISTS	20	0.22	6.73	14.29
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	490	5.45	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	40	0.44	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	20	0.22	6.02	32.14

SIC 282 PLASTICS MTLS, SYNTHETICS, EXCPT GLASS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
COMPUTER PROGRAMMERS	20	0.22	7.65	25.00
LAWYERS	10	0.11	19.19	10.71
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	50	0.55	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	70	0.77	N.A.	N.A.
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	40	0.44	11.04	10.71
ALL OTHER SALES AND RELATED WORKERS	30	0.33	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	860	9.51	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	70	0.77	12.89	46.43
ADJUSTMENT CLERKS	20	0.22	13.51	10.71
SECRETARIES	210	2.33	10.58	82.14
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	10	0.11	12.95	28.57
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	20	0.22	23.11	17.86
PROCUREMENT CLERKS	10	0.11	14.63	21.43
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	70	0.77	11.52	42.86
PAYROLL AND TIMEKEEPING CLERKS	20	0.22	13.43	46.43
GENERAL OFFICE CLERKS	110	1.22	10.65	53.57
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	40	0.44	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	210	2.33	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	80	0.89	5.65	57.14
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	90	1.00	10.30	46.43
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	40	0.44	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	70	0.77	N.A.	N.A.
SERVICE OCCUPATIONS	100	1.10	N.A.	N.A.
GUARDS AND WATCH GUARDS	30	0.33	11.09	25.00
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	60	0.66	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	60	0.66	21.06	35.71
ALL OTHER SERVICE WORKERS	10	0.11	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	5,920	65.76	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	730	8.11	N.A.	N.A.

SIC 282 PLASTICS MTLS, SYNTHETICS, EXCPT GLASS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	180	2.00	7.95	60.71
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	510	5.67	3.42	85.71
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	30	0.33	13.50	32.14
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	10	0.11	7.28	21.43
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	40	0.44	9.91	25.00
MACHINERY MAINTENANCE MECHANICS	270	3.00	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, WATER OR POWER GENERATION PLANT	120	1.33	6.32	10.71
ALL OTHER MACHINERY MAINTENANCE MECHANICS	150	1.67	16.63	17.86
MILLWRIGHTS	20	0.22	33.87	7.14
MAINTENANCE REPAIRERS, GENERAL UTILITY	600	6.66	9.20	57.14
PRECISION INSTRUMENT REPAIRERS	110	1.22	10.34	32.14
MECHANICAL CONTROL AND VALVE INSTALLERS AND REPAIRERS	10	0.11	0.00	3.57
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	10	0.11	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	290	3.22	N.A.	N.A.
CARPENTERS	20	0.22	9.41	10.71
ELECTRICIANS	90	1.00	7.88	32.14
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	30	0.33	15.84	14.29
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	150	1.67	8.02	17.86
PRECISION METAL WORKERS	120	1.33	N.A.	N.A.
MACHINISTS	90	1.00	12.91	14.29
SHEET METAL WORKERS	30	0.33	14.82	10.71
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,850	20.54	N.A.	N.A.
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	20	0.22	0.00	3.57
BOILER OPERATORS AND TENDERS, LOW PRESSURE	40	0.44	0.00	7.14
CHEMICAL EQUIPMENT CONTROLLERS AND OPERATORS	1,100	12.24	9.71	42.86
CHEMICAL EQUIPMENT TENDERS	110	1.22	18.26	14.29
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	220	2.44	15.42	21.43
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	30	0.33	36.92	10.71
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	220	2.44	12.21	17.86
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	40	0.44	N.A.	N.A.

SIC 282 PLASTICS MTLS, SYNTHETICS, EXCPT GLASS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	70	0.77	N.A.	N.A.
OTHER HAND WORKERS, NEC	20	0.22	N.A.	N.A.
WELDERS AND CUTTERS	20	0.22	26.25	14.29
PLANT AND SYSTEM WORKERS	1,320	14.69	N.A.	N.A.
CHEMICAL PLANT AND SYSTEM OPERATORS	1,060	11.80	8.55	46.43
POWER DISTRIBUTORS AND DISPATCHERS	90	1.00	30.10	14.29
ALL OTHER PLANT AND SYSTEM OPERATORS	170	1.89	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	20	0.22	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	120	1.33	N.A.	N.A.
TANK CAR AND TRUCK LOADERS	20	0.22	33.21	14.29
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	80	0.89	18.16	28.57
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	20	0.22	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	60	0.66	0.00	3.57
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	70	0.77	21.71	25.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	230	2.56	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	30	0.33	N.A.	N.A.

SIC 283 DRUGS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	4,650	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	330	7.01	N.A.	N.A.
FINANCIAL MANAGERS	30	0.64	11.66	47.06
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	50	1.06	24.65	52.94
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	40	0.85	24.42	41.18
ALL OTHER ADMINISTRATIVE MANAGERS	30	0.64	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	80	1.70	13.09	94.12
GENERAL MANAGERS AND TOP EXECUTIVES	80	1.70	25.76	N.A.
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.42	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	900	19.10	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	80	1.70	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	60	1.28	5.66	52.94
ALL OTHER FINANCIAL SPECIALISTS	20	0.42	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	30	0.64	14.69	47.06
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	10	0.21	4.71	17.65
COMPLIANCE OFFICERS AND ENFORCEMENT INSPECTORS, EXCEPT CONSTRUCTION	20	0.42	8.18	23.53
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.42	11.58	17.65
ENGINEERS	60	1.26	N.A.	N.A.
CHEMICAL ENGINEERS	10	0.21	26.36	29.41
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	10	0.21	0.00	11.76
MECHANICAL ENGINEERS	20	0.42	5.18	29.41
ALL OTHER ENGINEERS	20	0.42	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	50	1.05	N.A.	N.A.
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	10	0.21	23.46	17.65
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	20	0.42	0.00	11.76
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	0.42	N.A.	N.A.
PHYSICAL SCIENTISTS	140	2.99	N.A.	N.A.
LIFE SCIENTISTS	120	2.55	N.A.	N.A.
BIOLOGICAL SCIENTISTS	100	2.13	4.93	35.29
ALL OTHER LIFE SCIENTISTS	20	0.42	0.00	5.88
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	190	4.04	N.A.	N.A.
BIOLOGICAL, AGRICULTURAL, AND FOOD TECHNICIANS AND TECHNOLOGISTS, EXCEPT HEALTH	100	2.13	37.23	23.53
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	50	1.06	16.93	41.18
ALL OTHER PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	40	0.85	0.00	5.88

SIC 283 DRUGS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
COMPUTER SCIENTISTS AND RELATED WORKERS	50	1.06	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	50	1.06	1.36	17.65
LAWYERS	30	0.64	0.00	5.88
DESIGNERS, EXCEPT INTERIOR DESIGNERS	20	0.42	4.18	17.65
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	80	1.70	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	160	3.41	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	40	0.85	30.64	23.53
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	60	1.28	31.58	29.41
ALL OTHER SALES AND RELATED WORKERS	60	1.28	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	830	17.67	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	40	0.85	26.51	52.94
ADJUSTMENT CLERKS	30	0.64	10.93	17.65
SECRETARIES	200	4.27	6.79	70.59
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.42	3.88	29.41
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	30	0.64	34.48	35.29
PROCUREMENT CLERKS	10	0.21	5.05	29.41
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	60	1.28	14.73	64.71
BILLING, COST AND RATE CLERKS	10	0.21	8.77	23.53
GENERAL OFFICE CLERKS	90	1.92	5.57	47.06
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	50	1.06	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	30	0.64	12.50	29.41
ALL OTHER OFFICE MACHINE OPERATORS	20	0.42	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	230	4.89	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	40	0.85	8.74	41.18
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	50	1.06	19.20	41.18
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	120	2.56	16.32	70.59
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.42	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	1.28	N.A.	N.A.
SERVICE OCCUPATIONS	90	1.91	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	80	1.70	N.A.	N.A.

SIC 283 DRUGS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %).	ESTABLISHMENTS REPORTING OCCUPATION (%)
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	80	1.70	9.37	52.94
ALL OTHER SERVICE WORKERS	10	0.21	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	50	1.06	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,290	48.82	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	210	4.47	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	40	0.85	3.62	41.18
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	130	2.77	17.39	76.47
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	30	0.64	12.92	41.18
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	10	0.21	6.97	17.65
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	130	2.77	8.79	58.82
MACHINERY MAINTENANCE MECHANICS	110	2.35	N.A.	N.A.
MACHINERY MAINTENANCE WORKERS	20	0.42	3.28	11.76
MAINTENANCE REPAIRERS, GENERAL UTILITY	60	1.28	15.58	47.06
PRECISION INSTRUMENT REPAIRERS	10	0.21	15.72	11.76
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,380	29.45	N.A.	N.A.
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	10	0.21	0.00	5.88
BOILER OPERATORS AND TENDERS, LOW PRESSURE	10	0.21	14.83	11.76
CHEMICAL EQUIPMENT CONTROLLERS AND OPERATORS	10	0.21	45.95	17.65
CHEMICAL EQUIPMENT TENDERS	30	0.64	35.99	23.53
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	30	0.64	13.94	23.53
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	40	0.85	14.71	29.41
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	20	0.42	26.52	29.41
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	1,050	22.43	3.32	82.35
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	40	0.85	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	140	2.99	N.A.	N.A.
PLANT AND SYSTEM WORKERS	10	0.21	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	20	0.42	N.A.	N.A.

SIC 283 DRUGS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	20	0.42	37.44	23.53
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	70	1.49	4.49	23.53
HAND PACKERS AND PACKAGERS	50	1.06	34.00	23.53
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	210	4.48	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.21	N.A.	N.A.

SIC 284 SOAP, DETERGENTS, CLEANERS, TOILETRIES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,710	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	470	12.71	N.A.	N.A.
FINANCIAL MANAGERS	20	0.54	14.61	34.78
PURCHASING MANAGERS	20	0.54	26.97	39.13
ALL OTHER ADMINISTRATIVE MANAGERS	170	4.60	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	90	2.43	16.66	52.17
GENERAL MANAGERS AND TOP EXECUTIVES	120	3.25	18.61	82.61
ALL OTHER MANAGERS AND ADMINISTRATORS	50	1.35	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	360	9.73	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	40	1.08	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	10	0.27	N.A.	N.A.
ENGINEERS	50	1.35	N.A.	N.A.
PHYSICAL SCIENTISTS	70	1.89	N.A.	N.A.
CHEMISTS, EXCEPT BIOCHEMISTS	70	1.89	20.69	52.17
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	120	3.25	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	70	1.89	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	290	7.84	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	30	0.81	30.04	26.09
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	50	1.35	40.02	8.70
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	190	5.14	43.06	34.78
ALL OTHER SALES AND RELATED WORKERS	20	0.54	25.26	8.70
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	630	17.03	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	40	1.08	31.94	39.13
SECRETARIES	100	2.71	13.78	60.87
RECEPTIONISTS AND INFORMATION CLERKS	20	0.54	31.03	34.78
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	80	2.16	21.90	39.13
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	50	1.35	25.47	43.48
PAYROLL AND TIMEKEEPING CLERKS	10	0.27	44.95	30.43
GENERAL OFFICE CLERKS	50	1.35	23.11	30.43
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.54	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	200	5.41	N.A.	N.A.

SIC 284   SOAP, DETERGENTS, CLEANERS, TOILETRIES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	140	3.79	24.10	60.87
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	60	1.62	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	1.62	N.A.	N.A.
SERVICE OCCUPATIONS	20	0.54	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	10	0.27	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	10	0.27	21.28	21.74
ALL OTHER SERVICE WORKERS	10	0.27	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	20	0.54	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,920	51.97	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	140	3.79	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	140	3.79	31.18	65.22
MECHANICS, INSTALLERS, AND REPAIRERS	80	2.16	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	80	2.16	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	20	0.54	N.A.	N.A.
ELECTRICIANS	20	0.54	21.75	26.09
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	800	21.66	N.A.	N.A.
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	30	0.81	43.19	8.70
CHEMICAL EQUIPMENT CONTROLLERS AND OPERATORS	150	4.06	29.01	13.04
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	220	5.96	26.68	47.83
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	160	4.33	22.89	30.43
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	140	3.79	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	100	2.71	N.A.	N.A.
OTHER HAND WORKERS, NEC	360	9.75	N.A.	N.A.
PLANT AND SYSTEM WORKERS	30	0.81	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	160	4.33	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	100	2.71	13.48	21.74
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	60	1.62	N.A.	N.A.
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	100	2.71	N.A.	N.A.

SIC 284 SOAP, DETERGENTS, CLEANERS, TOILETRIES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	150	4.06	N.A.	N.A.

SIC 285 PAINTS, VARNISHES, ENAMELS, ALLIED PRD
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,870	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	310	7.98	N.A.	N.A.
FINANCIAL MANAGERS	30	0.77	22.72	52.63
PURCHASING MANAGERS	20	0.51	28.58	47.37
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	50	1.29	11.29	57.89
ALL OTHER ADMINISTRATIVE MANAGERS	40	1.03	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	40	1.03	12.28	57.89
GENERAL MANAGERS AND TOP EXECUTIVES	120	3.10	16.25	89.47
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.25	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	310	7.98	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	40	1.03	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	40	1.03	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	40	1.03	28.59	52.63
ENGINEERS	40	1.02	N.A.	N.A.
CHEMICAL ENGINEERS	20	0.51	32.81	26.32
ALL OTHER ENGINEERS	20	0.51	N.A.	N.A.
PHYSICAL SCIENTISTS	70	1.81	N.A.	N.A.
CHEMISTS, EXCEPT BIOCHEMISTS	70	1.81	23.22	47.37
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	110	2.84	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	110	2.84	24.71	52.63
COMPUTER SCIENTISTS AND RELATED WORKERS	10	0.25	N.A.	N.A.
COMPUTER PROGRAMMERS	10	0.25	47.72	15.79
SALES AND RELATED OCCUPATIONS	470	12.16	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	30	0.77	36.55	21.05
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	170	4.40	26.05	26.32
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	190	4.92	26.07	42.11
ALL OTHER SALES AND RELATED WORKERS	80	2.07	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	760	19.61	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	60	1.55	36.60	36.84
ADJUSTMENT CLERKS	60	1.55	33.37	21.05
SECRETARIES	50	1.29	29.62	57.89
RECEPTIONISTS AND INFORMATION CLERKS	30	0.77	32.86	31.58
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	50	1.29	27.52	47.37

SIC 285 PAINTS, VARNISHES, ENAMELS, ALLIED PRD
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	80	2.07	32.66	42.11
PAYROLL AND TIMEKEEPING CLERKS	10	0.25	26.60	31.58
GENERAL OFFICE CLERKS	80	2.07	32.48	42.11
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	50	1.28	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	30	0.77	33.97	26.32
ALL OTHER OFFICE MACHINE OPERATORS	20	0.51	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	200	5.16	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	60	1.55	37.57	31.58
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	110	2.84	10.94	57.89
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	0.77	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	90	2.33	N.A.	N.A.
SERVICE OCCUPATIONS	50	1.28	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	40	1.03	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	40	1.03	49.33	36.84
ALL OTHER SERVICE WORKERS	10	0.25	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,970	50.94	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	130	3.35	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	120	3.10	11.69	84.21
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	10	0.25	29.62	26.32
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	20	0.51	41.85	21.05
MECHANICS, INSTALLERS, AND REPAIRERS	70	1.81	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	970	25.10	N.A.	N.A.
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	30	0.77	40.76	15.79
SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE OPERATORS AND TENDERS	10	0.25	23.41	21.05
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	420	10.88	13.45	84.21

SIC 285 PAINTS, VARNISHES, ENAMELS, ALLIED PRD
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	260	6.73	20.23	63.16
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	250	6.47	N.A.	N.A.
MOTOR VEHICLE OPERATORS	130	3.36	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	60	1.55	31.38	26.32
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	70	1.81	13.46	52.63
MATERIAL MOVING EQUIPMENT OPERATORS	160	4.13	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	150	3.88	44.60	31.58
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	10	0.25	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	110	2.84	23.88	42.11
HAND PACKERS AND PACKAGERS	80	2.07	26.56	31.58
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	200	5.18	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	100	2.59	N.A.	N.A.

SIC 286 INDUSTRIAL ORGANIC CHEMICALS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	33,420	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,880	5.55	N.A.	N.A.
FINANCIAL MANAGERS	100	0.29	11.17	64.29
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	90	0.26	8.99	71.43
PURCHASING MANAGERS	60	0.17	12.94	57.14
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	130	0.38	19.07	21.43
ADMINISTRATIVE SERVICES MANAGERS	30	0.08	28.83	14.29
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	190	0.56	14.00	57.14
INDUSTRIAL PRODUCTION MANAGERS	410	1.22	10.23	80.95
GENERAL MANAGERS AND TOP EXECUTIVES	240	0.71	15.02	73.81
ALL OTHER MANAGERS AND ADMINISTRATORS	630	1.88	28.43	42.86
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	8,310	24.62	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	350	1.02	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	270	0.80	9.74	64.29
BUDGET ANALYSTS	10	0.02	18.12	16.67
ALL OTHER FINANCIAL SPECIALISTS	70	0.20	20.52	19.05
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	180	0.53	7.59	66.67
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	200	0.59	5.75	66.67
COMPLIANCE OFFICERS AND ENFORCEMENT INSPECTORS, EXCEPT CONSTRUCTION	20	0.05	23.54	7.14
ALL OTHER MANAGEMENT SUPPORT WORKERS	300	0.89	N.A.	N.A.
ENGINEERS	3,060	9.10	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	50	0.14	14.14	26.19
CHEMICAL ENGINEERS	1,530	4.57	7.54	76.19
CIVIL ENGINEERS, INCLUDING TRAFFIC	70	0.20	31.28	26.19
ELECTRICAL AND ELECTRONIC ENGINEERS	340	1.01	8.94	47.62
SAFETY ENGINEERS, EXCEPT MINING	40	0.11	11.86	52.38
MECHANICAL ENGINEERS	460	1.37	6.81	61.90
ALL OTHER ENGINEERS	570	1.70	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	1,120	3.32	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	250	0.74	22.36	33.33
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	220	0.65	21.93	9.52
DRAFTERS	160	0.47	14.72	38.10
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	490	1.46	N.A.	N.A.
PHYSICAL SCIENTISTS	890	2.65	N.A.	N.A.

SIC 286 INDUSTRIAL ORGANIC CHEMICALS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CHEMISTS, EXCEPT BIOCHEMISTS	810	2.42	19.50	66.67
ALL OTHER PHYSICAL SCIENTISTS	80	0.23	9.37	33.33
LIFE SCIENTISTS	20	0.05	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	1,620	4.83	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	1,540	4.60	4.78	66.67
ALL OTHER PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	80	0.23	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	410	1.20	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	210	0.62	8.07	54.76
COMPUTER PROGRAMMERS	150	0.44	19.03	33.33
COMPUTER PROGRAMMER AIDES	50	0.14	15.26	23.81
REGISTERED NURSES	50	0.14	7.89	50.00
ALL OTHER HEALTH PROFESSIONALS, PARAPROFESSIONALS, AND TECHNICIANS	40	0.11	10.87	30.95
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	50	0.14	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	410	1.20	N.A.	N.A.
SALES ENGINEERS	10	0.02	41.89	2.38
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	40	0.11	30.37	2.38
ALL OTHER SALES AND RELATED WORKERS	360	1.07	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3,270	9.58	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	330	0.98	18.33	61.90
ADJUSTMENT CLERKS	80	0.23	38.85	4.76
SECRETARIES	700	2.09	9.28	92.86
STENOGRAPHERS	80	0.23	44.00	9.52
RECEPTIONISTS AND INFORMATION CLERKS	20	0.05	14.36	19.05
TYPISTS	160	0.47	17.28	28.57
TYPISTS, WORD PROCESSING EQUIPMENT	30	0.08	26.42	19.05
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	80	0.23	5.66	59.52
FILE CLERKS	10	0.02	30.43	14.29
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	50	0.14	25.50	19.05
PROCUREMENT CLERKS	40	0.11	14.59	33.33
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	260	0.77	5.38	61.90
PAYROLL AND TIMEKEEPING CLERKS	60	0.17	18.13	52.38
BILLING, COST AND RATE CLERKS	40	0.11	11.26	30.95
GENERAL OFFICE CLERKS	380	1.13	11.17	59.52
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	110	0.31	N.A.	N.A.

SIC 286 INDUSTRIAL ORGANIC CHEMICALS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	70	0.20	10.76	40.48
ALL OTHER OFFICE MACHINE OPERATORS	40	0.11	N.A.	N.A.
SWITCHBOARD OPERATORS	30	0.08	20.69	33.33
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	20	0.05	26.54	14.29
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	760	2.25	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	260	0.77	16.72	38.10
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	340	1.01	10.19	57.14
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	160	0.47	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	0.08	N.A.	N.A.
SERVICE OCCUPATIONS	420	1.22	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	90	0.26	19.73	28.57
GUARDS AND WATCH GUARDS	230	0.68	6.95	28.57
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	60	0.17	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	60	0.17	21.55	11.90
ALL OTHER SERVICE WORKERS	40	0.11	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	19,130	56.84	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	2,810	8.37	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	700	2.09	9.97	61.90
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	210	0.62	17.98	28.57
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	1,650	4.93	4.87	80.95
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	110	0.32	12.27	45.24
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	140	0.41	48.97	33.33
PRECISION INSPECTORS, TESTERS, AND GRADERS	50	0.14	19.98	21.43
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	140	0.41	27.07	21.43
MACHINERY MAINTENANCE MECHANICS	460	1.36	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, WATER OR POWER GENERATION PLANT	340	1.01	21.11	21.43
ALL OTHER MACHINERY MAINTENANCE MECHANICS	120	0.35	18.36	16.67

SIC 286 INDUSTRIAL ORGANIC CHEMICALS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MILLWRIGHTS	50	0.14	35.62	11.90
MACHINERY MAINTENANCE WORKERS	60	0.17	21.37	9.52
MAINTENANCE REPAIRERS, GENERAL UTILITY	1,470	4.39	31.60	47.62
AUTOMOTIVE MECHANICS	50	0.14	33.78	16.67
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	60	0.17	17.09	19.05
PRECISION INSTRUMENT REPAIRERS	910	2.71	7.85	47.62
MECHANICAL CONTROL AND VALVE INSTALLERS AND REPAIRERS	50	0.14	31.01	11.90
RIGGERS	120	0.35	40.91	14.29
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	180	0.53	27.23	9.52
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	1,960	5.83	N.A.	N.A.
CARPENTERS	260	0.77	14.98	23.81
ELECTRICIANS	680	2.03	8.98	45.24
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	130	0.38	12.05	21.43
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	850	2.54	11.09	23.81
INSULATION WORKERS	40	0.11	21.71	14.29
PRECISION METAL WORKERS	920	2.73	N.A.	N.A.
MACHINISTS	580	1.73	24.03	30.95
BOILERMAKERS	190	0.56	21.07	16.67
ALL OTHER PRECISION METAL WORKERS	150	0.44	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	4,560	13.60	N.A.	N.A.
CHEMICAL EQUIPMENT CONTROLLERS AND OPERATORS	3,430	10.25	11.11	47.62
CHEMICAL EQUIPMENT TENDERS	640	1.91	24.47	9.52
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	150	0.44	31.52	19.05
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	130	0.38	43.79	11.90
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS				
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	210	0.62	N.A.	N.A.
OTHER HAND WORKERS, NEC	220	0.65	N.A.	N.A.
PLANT AND SYSTEM WORKERS	2,980	8.87	N.A.	N.A.
WATER AND LIQUID WASTE TREATMENT PLANT & SYSTEM OPERATORS	40	0.11	22.39	11.90
CHEMICAL PLANT AND SYSTEM OPERATORS	2,850	8.51	18.31	35.71
STATIONARY ENGINEERS	20	0.05	21.60	7.14
ALL OTHER PLANT AND SYSTEM OPERATORS	70	0.20	N.A.	N.A.
MOTOR VEHICLE OPERATORS	110	0.31	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	60	0.17	35.79	11.90
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	50	0.14	39.25	14.29

SIC 286 INDUSTRIAL ORGANIC CHEMICALS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER TRANSPORTATION AND RELATED WORKERS	40	0.11	24.81	7.14
MATERIAL MOVING EQUIPMENT OPERATORS	460	1.35	N.A.	N.A.
TANK CAR AND TRUCK LOADERS	280	0.83	14.71	21.43
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	90	0.26	21.87	9.52
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	90	0.26	N.A.	N.A.
CONSTRUCTION TRADES AND EXTRACTIVE WORKER HELPERS	10	0.02	33.53	2.38
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	420	1.25	16.46	30.95
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	880	2.63	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	160	0.47	N.A.	N.A.

SIC 287 AGRICULTURAL CHEMICALS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	5,090	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	410	8.01	N.A.	N.A.
FINANCIAL MANAGERS	20	0.39	11.99	47.37
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	10	0.19	2.14.	36.84
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	50	0.98	44.78	31.58
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	60	1.17	7.53	47.37
ALL OTHER ADMINISTRATIVE MANAGERS	40	0.78	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	100	1.96	13.28	68.42
GENERAL MANAGERS AND TOP EXECUTIVES	90	1.76	27.58	68.42
ALL OTHER MANAGERS AND ADMINISTRATORS	40	0.78	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	680	13.28	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	30	0.58	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	20	0.39	12.39	36.84
ALL OTHER FINANCIAL SPECIALISTS	10	0.19	N.A.	N.A.
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.39	2.12	36.84
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.78	N.A.	N.A.
ENGINEERS	300	5.87	N.A.	N.A.
CHEMICAL ENGINEERS	170	3.33	8.16	47.37
SAFETY ENGINEERS, EXCEPT MINING	20	0.39	17.08	42.11
ALL OTHER ENGINEERS	110	2.15	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	0.78	N.A.	N.A.
PHYSICAL SCIENTISTS	40	0.78	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	150	2.93	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	130	2.54	21.48	36.84
ALL OTHER PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	20	0.39	N.A.	N.A.
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	10	0.19	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	50	0.98	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	100	1.96	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	610	11.92	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	40	0.78	9.37	52.63
ADJUSTMENT CLERKS	30	0.58	39.60	15.79
SECRETARIES	140	2.74	24.09	78.95
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.39	14.39	42.11

SIC 287 AGRICULTURAL CHEMICALS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PROCUREMENT CLERKS	10	0.19	23.63	21.05
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	0.78	27.60	52.63
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.39	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	150	2.94	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	160	3.13	N.A.	N.A.
SERVICE OCCUPATIONS	20	0.39	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	10	0.19	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,260	63.78	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	290	5.68	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	290	5.68	22.36	78.95
MACHINERY MAINTENANCE MECHANICS	100	1.95	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, WATER OR POWER GENERATION PLANT	80	1.56	6.50	15.79
ALL OTHER MACHINERY MAINTENANCE MECHANICS	20	0.39	6.76	15.79
MACHINERY MAINTENANCE WORKERS	30	0.58	2.18	15.79
MAINTENANCE REPAIRERS, GENERAL UTILITY	160	3.13	20.47	47.37
PRECISION INSTRUMENT REPAIRERS	90	1.76	9.10	36.84
MECHANICAL CONTROL AND VALVE INSTALLERS AND REPAIRERS	30	0.58	25.61	21.05
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	40	0.78	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	80	1.56	N.A.	N.A.
ELECTRICIANS	80	1.56	9.28	47.37
PRECISION METAL WORKERS	80	1.56	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	970	18.98	N.A.	N.A.
CHEMICAL EQUIPMENT CONTROLLERS AND OPERATORS	460	9.01	4.79	42.11
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	110	2.15	42.91	31.58
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	30	0.58	23.73	10.53
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	230	4.50	42.66	42.11
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	0	0.00	N.A.	N.A.

SIC 287 AGRICULTURAL CHEMICALS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	140	2.74	N.A.	N.A.
OTHER HAND WORKERS, NEC	40	0.77	N.A.	N.A.
WELDERS AND CUTTERS	30	0.58	3.92	26.32
ALL OTHER HAND WORKERS, NEC	10	0.19	0.00	5.26
PLANT AND SYSTEM WORKERS	580	11.37	N.A.	N.A.
CHEMICAL PLANT AND SYSTEM OPERATORS	380	7.45	20.83	36.84
ALL OTHER PLANT AND SYSTEM OPERATORS	200	3.92	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	120	2.35	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	120	2.35	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	110	2.15	37.21	47.37
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	140	2.74	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	280	5.49	N.A.	N.A.

SIC 289 MISCELLANEOUS CHEMICAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	7,490	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	610	8.15	N.A.	N.A.
FINANCIAL MANAGERS	20	0.26	31.65	27.27
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	30	0.40	19.48	33.33
PURCHASING MANAGERS	20	0.26	23.18	27.27
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	80	1.07	21.54	33.33
ADMINISTRATIVE SERVICES MANAGERS	10	0.13	47.70	12.12
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	80	1.07	23.29	36.36
INDUSTRIAL PRODUCTION MANAGERS	140	1.88	15.35	63.64
GENERAL MANAGERS AND TOP EXECUTIVES	190	2.55	16.64	75.76
ALL OTHER MANAGERS AND ADMINISTRATORS	40	0.53	33.08	21.21
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,240	16.57	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	60	0.80	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	60	0.80	16.85	42.42
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	30	0.40	19.81	27.27
COMPLIANCE OFFICERS AND ENFORCEMENT INSPECTORS, EXCEPT CONSTRUCTION	10	0.13	39.46	12.12
ALL OTHER MANAGEMENT SUPPORT WORKERS	10	0.13	N.A.	N.A.
ENGINEERS	420	5.63	N.A.	N.A.
CHEMICAL ENGINEERS	210	2.82	20.43	42.42
ELECTRICAL AND ELECTRONIC ENGINEERS	30	0.40	14.97	18.18
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	30	0.40	21.84	15.15
MECHANICAL ENGINEERS	120	1.61	25.17	45.45
ALL OTHER ENGINEERS	30	0.40	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	130	1.72	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	20	0.26	14.98	12.12
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	20	0.26	42.01	15.15
DRAFTERS	60	0.80	49.31	18.18
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	30	0.40	N.A.	N.A.
PHYSICAL SCIENTISTS	150	2.01	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	240	3.22	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	60	0.79	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	40	0.53	28.26	15.15
COMPUTER PROGRAMMERS	20	0.26	33.14	15.15
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	70	0.94	N.A.	N.A.

SIC 289 MISCELLANEOUS CHEMICAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SALES AND RELATED OCCUPATIONS	650	8.72	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	100	1.34	22.67	33.33
SALES ENGINEERS	70	0.94	33.91	18.18
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	250	3.36	37.23	27.27
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	220	2.95	31.69	30.30
ALL OTHER SALES AND RELATED WORKERS	10	0.13	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,130	15.08	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	120	1.61	32.25	39.39
SECRETARIES	250	3.36	12.18	78.79
TYPISTS	40	0.53	36.29	12.12
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.26	22.99	21.21
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	40	0.53	21.69	27.27
PROCUREMENT CLERKS	10	0.13	9.13	9.09
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	80	1.07	19.28	39.39
PAYROLL AND TIMEKEEPING CLERKS	20	0.26	31.00	21.21
GENERAL OFFICE CLERKS	160	2.15	18.42	39.39
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	50	0.65	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	10	0.13	22.28	21.21
DATA ENTRY KEYERS, EXCEPT COMPOSING	20	0.26	30.29	18.18
ALL OTHER OFFICE MACHINE OPERATORS	20	0.26	N.A.	N.A.
SWITCHBOARD OPERATORS	10	0.13	28.70	27.27
MAIL CLERKS, EXCEPT MAIL MACHINE OPERATORS & POSTAL SERVICE	20	0.26	38.32	18.18
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	240	3.20	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	50	0.67	16.52	30.30
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	60	0.80	13.36	30.30
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	110	1.47	25.57	48.48
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.26	19.01	9.09
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	70	0.94	N.A.	N.A.
SERVICE OCCUPATIONS	150	1.99	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	30	0.40	46.94	21.21
GUARDS AND WATCH GUARDS	60	0.80	6.22	21.21

SIC 289 MISCELLANEOUS CHEMICAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	40	0.53	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	40	0.53	14.93	30.30
ALL OTHER SERVICE WORKERS	20	0.26	17.95	3.03
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	10	0.13	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,700	49.56	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	430	5.77	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	80	1.07	19.30	27.27
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	320	4.30	7.96	75.76
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	30	0.40	29.56	21.21
PRECISION INSPECTORS, TESTERS, AND GRADERS	20	0.26	40.41	6.06
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	140	1.88	29.40	18.18
MACHINERY MAINTENANCE MECHANICS	80	1.07	N.A.	N.A.
MILLWRIGHTS	20	0.26	18.23	3.03
MACHINERY MAINTENANCE WORKERS	20	0.26	31.38	15.15
MAINTENANCE REPAIRERS, GENERAL UTILITY	220	2.95	18.59	51.52
PRECISION INSTRUMENT REPAIRERS	40	0.53	34.30	12.12
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	50	0.67	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	120	1.60	N.A.	N.A.
CARPENTERS	10	0.13	10.78	9.09
ELECTRICIANS	70	0.94	19.22	24.24
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	40	0.53	12.02	12.12
PRECISION METAL WORKERS	70	0.94	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,090	14.63	N.A.	N.A.
CHEMICAL EQUIPMENT CONTROLLERS AND OPERATORS	480	6.45	19.32	33.33
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	240	3.22	29.94	30.30
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	100	1.34	41.71	15.15
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	10	0.13	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	260	3.49	N.A.	N.A.

SIC 289 MISCELLANEOUS CHEMICAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
OTHER HAND WORKERS, NEC	570	7.65	N.A.	N.A.
WELDERS AND CUTTERS	60	0.80	20.80	18.18
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	510	6.85	21.18	12.12
PLANT AND SYSTEM WORKERS	90	1.20	N.A.	N.A.
WATER AND LIQUID WASTE TREATMENT PLANT & SYSTEM OPERATORS	30	0.40	21.03	9.09
ALL OTHER PLANT AND SYSTEM OPERATORS	60	0.80	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	210	2.82	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	140	1.86	N.A.	N.A.
TANK CAR AND TRUCK LOADERS	40	0.53	23.51	15.15
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	80	1.07	30.55	24.24
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	20	0.26	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	50	0.67	25.22	18.18
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	170	2.28	30.54	36.36
HAND PACKERS AND PACKAGERS	40	0.53	23.19	9.09
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	90	1.20	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	40	0.53	N.A.	N.A.

SIC 29 PETROLEUM/REFINING/RELATED INDUSTRIES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	34,390	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,470	4.20	N.A.	N.A.
FINANCIAL MANAGERS	130	0.37	31.69	27.78
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	110	0.31	20.39	47.22
PURCHASING MANAGERS	40	0.11	27.53	29.17
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	70	0.20	23.05	26.39
ADMINISTRATIVE SERVICES MANAGERS	70	0.20	20.60	22.22
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	230	0.66	20.22	29.17
INDUSTRIAL PRODUCTION MANAGERS	320	0.92	13.73	55.56
MINING, QUARRYING, AND OIL AND GAS WELL DRILLING MANAGERS	20	0.05	31.77	5.56
GENERAL MANAGERS AND TOP EXECUTIVES	330	0.95	17.65	72.22
ALL OTHER MANAGERS AND ADMINISTRATORS	150	0.43	19.47	25.00
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	7,290	21.02	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	1,270	3.67	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	900	2.61	31.48	50.00
BUDGET ANALYSTS	30	0.08	32.70	12.50
ALL OTHER FINANCIAL SPECIALISTS	340	0.98	43.56	12.50
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	150	0.43	11.52	36.11
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	260	0.75	13.45	29.17
COST ESTIMATORS	40	0.11	42.46	15.28
ALL OTHER MANAGEMENT SUPPORT WORKERS	230	0.66	18.94	22.22
ENGINEERS	2,170	6.26	N.A.	N.A.
PETROLEUM ENGINEERS	140	0.40	28.84	9.72
CHEMICAL ENGINEERS	710	2.06	9.53	37.50
CIVIL ENGINEERS, INCLUDING TRAFFIC	120	0.34	25.70	15.28
ELECTRICAL AND ELECTRONIC ENGINEERS	270	0.78	17.85	23.61
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	210	0.61	28.37	19.44
SAFETY ENGINEERS, EXCEPT MINING	110	0.31	17.53	27.78
MECHANICAL ENGINEERS	350	1.01	11.74	37.50
ALL OTHER ENGINEERS	260	0.75	39.42	9.72
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	940	2.71	N.A.	N.A.
CIVIL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	30	0.08	43.35	5.56
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	140	0.40	30.82	15.28
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	90	0.26	42.77	6.94
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	200	0.58	21.02	18.06
DRAFTERS	170	0.49	15.65	30.56
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	310	0.90	26.78	16.67

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PHYSICAL SCIENTISTS	420	1.21	N.A.	N.A.
CHEMISTS, EXCEPT BIOCHEMISTS	360	1.04	13.75	47.22
ALL OTHER PHYSICAL SCIENTISTS	60	0.17	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	820	2.38	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	720	2.09	14.37	44.44
PETROLEUM TECHNICIANS AND TECHNOLOGISTS	100	0.29	36.52	9.72
COMPUTER SCIENTISTS AND RELATED WORKERS	260	0.74	N.A.	N.A.
COMPUTER PROGRAMMERS	230	0.66	32.28	22.22
COMPUTER PROGRAMMER AIDES	30	0.08	40.95	5.56
LAWYERS	40	0.11	45.27	5.56
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	50	0.14	15.94	18.06
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	640	1.85	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	440	1.26	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	40	0.11	39.35	15.28
SALES ENGINEERS	70	0.20	37.49	6.94
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	210	0.61	28.92	29.17
ALL OTHER SALES AND RELATED WORKERS	120	0.34	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3,850	11.03	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	390	1.13	15.91	61.11
ADJUSTMENT CLERKS	30	0.08	41.51	9.72
SECRETARIES	800	2.32	18.62	70.83
STENOGRAPHERS	40	0.11	24.75	8.33
RECEPTIONISTS AND INFORMATION CLERKS	30	0.08	35.49	16.67
TYPISTS	40	0.11	39.69	13.89
TYPISTS, WORD PROCESSING EQUIPMENT	50	0.14	22.27	11.11
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	70	0.20	19.65	23.61
FILE CLERKS	40	0.11	28.47	11.11
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	110	0.31	26.77	26.39
PROCUREMENT CLERKS	40	0.11	37.41	16.67
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	400	1.16	19.82	59.72
PAYROLL AND TIMEKEEPING CLERKS	160	0.46	19.54	34.72
GENERAL OFFICE CLERKS	530	1.53	31.52	47.22
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	200	0.56	N.A.	N.A.

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	130	0.37	32.54	19.44
DATA ENTRY KEYERS, EXCEPT COMPOSING	50	0.14	21.90	15.28
ALL OTHER OFFICE MACHINE OPERATORS	20	0.05	30.66	9.72
SWITCHBOARD OPERATORS	60	0.17	22.00	27.78
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	590	1.67	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	30	0.08	40.81	16.67
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	170	0.49	14.02	26.39
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	10	0.02	46.39	5.56
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	220	0.63	16.67	27.78
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	120	0.34	22.02	33.33
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	40	0.11	39.27	5.56
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	270	0.78	N.A.	N.A.
SERVICE OCCUPATIONS	350	0.99	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	50	0.14	16.31	16.67
GUARDS AND WATCH GUARDS	230	0.66	19.31	25.00
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	60	0.17	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.02	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20,990	60.68	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	2,540	7.35	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	560	1.62	16.09	47.22
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	320	0.92	33.84	18.06
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	1,440	4.18	10.21	68.06
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	100	0.29	19.30	25.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	120	0.34	26.38	29.17
PRECISION INSPECTORS, TESTERS, AND GRADERS	140	0.40	24.12	18.06
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	300	0.87	20.54	31.94
MACHINERY MAINTENANCE MECHANICS	920	2.67	18.88	44.44
MAINTENANCE REPAIRERS, GENERAL UTILITY	790	2.29	16.23	44.44

SIC 29 PETROLEUM/REFINING/RELATED INDUSTRIES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION INSTRUMENT REPAIRERS	670	1.94	11.94	29.17
MECHANICAL CONTROL AND VALVE INSTALLERS AND REPAIRERS	290	0.84	22.87	18.06
RIGGERS	130	0.37	25.15	8.33
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	290	0.84	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	1,950	5.64	N.A.	N.A.
CARPENTERS	190	0.55	18.84	16.67
ELECTRICIANS	470	1.36	14.84	30.56
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	70	0.20	25.24	15.28
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	970	2.81	21.72	18.06
INSULATION WORKERS	100	0.29	19.55	12.50
ALL OTHER CONSTRUCTION TRADES WORKERS	150	0.43	44.77	4.17
PRECISION METAL WORKERS	1,010	2.92	N.A.	N.A.
MACHINISTS	610	1.77	17.04	19.44
BOILERMAKERS	380	1.10	18.85	13.89
ALL OTHER PRECISION METAL WORKERS	20	0.05	40.25	4.17
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	4,090	11.82	N.A.	N.A.
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	260	0.75	22.87	13.89
BOILER OPERATORS AND TENDERS, LOW PRESSURE	130	0.37	27.61	12.50
CHEMICAL EQUIPMENT CONTROLLERS AND OPERATORS	1,960	5.69	28.18	16.67
CHEMICAL EQUIPMENT TENDERS	350	1.01	30.54	5.56
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	40	0.11	9.98	11.11
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	20	0.05	12.48	6.94
SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE OPERATORS AND TENDERS	420	1.22	31.88	4.17
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	460	1.33	16.90	37.50
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	190	0.55	24.02	25.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	20	0.05	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	240	0.69	24.90	15.28
OTHER HAND WORKERS, NEC	390	1.12	N.A.	N.A.
WELDERS AND CUTTERS	330	0.95	17.32	23.61
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	60	0.17	44.95	2.78
PLANT AND SYSTEM WORKERS	4,220	12.23	N.A.	N.A.
GAS PLANT OPERATORS	60	0.17	46.51	5.56
CHEMICAL PLANT AND SYSTEM OPERATORS	570	1.65	30.03	16.67
PETROLEUM PUMP SYSTEM OPERATORS	500	1.45	21.75	23.61

SIC 29 PETROLEUM/REFINING/RELATED INDUSTRIES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PETROLEUM REFINERY AND CONTROL PANEL OPERATORS	2,350	6.82	20.81	27.78
GAUGERS	260	0.75	27.99	11.11
POWER DISTRIBUTORS AND DISPATCHERS	210	0.61	40.81	5.56
STATIONARY ENGINEERS	100	0.29	28.56	6.94
ALL OTHER PLANT AND SYSTEM OPERATORS	170	0.49	N.A.	N.A.
MOTOR VEHICLE OPERATORS	610	1.76	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	560	1.62	40.15	45.83
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	50	0.14	28.22	15.28
ALL OTHER TRANSPORTATION AND RELATED WORKERS	30	0.08	34.61	6.94
MATERIAL MOVING EQUIPMENT OPERATORS	860	2.47	N.A.	N.A.
TANK CAR AND TRUCK LOADERS	230	0.66	33.97	27.78
CRANE AND TOWER OPERATORS	20	0.05	44.59	8.33
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	200	0.58	11.31	27.78
CONVEYOR OPERATORS AND TENDERS	10	0.02	21.44	5.56
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	400	1.16	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	360	1.04	24.13	16.67
CONSTRUCTION TRADES AND EXTRACTIVE WORKER HELPERS	110	0.31	38.18	8.33
MACHINE FEEDERS AND OFFBEARERS	60	0.17	20.17	12.50
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	390	1.13	15.77	30.56
HAND PACKERS AND PACKAGERS	120	0.34	28.65	8.33
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	660	1.91	14.77	41.67
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	60	0.17	N.A.	N.A.

SIC 291 PETROLEUM REFINING
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	31,280	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,250	3.96	N.A.	N.A.
FINANCIAL MANAGERS	120	0.38	35.19	36.36
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	100	0.32	22.80	75.76
PURCHASING MANAGERS	30	0.09	32.78	45.45
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	40	0.12	34.14	30.30
ADMINISTRATIVE SERVICES MANAGERS	70	0.22	22.11	33.33
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	230	0.73	20.48	57.58
INDUSTRIAL PRODUCTION MANAGERS	270	0.86	16.06	63.64
MINING, QUARRYING, AND OIL AND GAS WELL DRILLING MANAGERS	20	0.06	33.13	9.09
GENERAL MANAGERS AND TOP EXECUTIVES	250	0.80	23.09	66.67
ALL OTHER MANAGERS AND ADMINISTRATORS	120	0.38	23.05	45.45
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	7,150	22.76	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	1,250	3.98	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	880	2.81	32.34	63.64
BUDGET ANALYSTS	30	0.09	33.74	24.24
ALL OTHER FINANCIAL SPECIALISTS	340	1.08	44.21	21.21
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	140	0.44	12.33	51.52
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	260	0.83	13.55	57.58
COST ESTIMATORS	40	0.12	47.17	27.27
ALL OTHER MANAGEMENT SUPPORT WORKERS	220	0.70	19.44	42.42
ENGINEERS	2,160	6.89	N.A.	N.A.
PETROLEUM ENGINEERS	140	0.44	28.84	21.21
CHEMICAL ENGINEERS	710	2.27	9.57	78.79
CIVIL ENGINEERS, INCLUDING TRAFFIC	120	0.38	26.14	30.30
ELECTRICAL AND ELECTRONIC ENGINEERS	270	0.86	18.18	42.42
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	200	0.64	28.51	39.39
SAFETY ENGINEERS, EXCEPT MINING	110	0.35	17.53	60.61
MECHANICAL ENGINEERS	350	1.12	11.94	66.67
ALL OTHER ENGINEERS	260	0.83	39.72	18.18
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	930	2.95	N.A.	N.A.
CIVIL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	30	0.09	43.35	12.12
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	140	0.44	31.04	30.30
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	90	0.28	42.77	15.15
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	200	0.64	21.13	36.36
DRAFTERS	170	0.54	15.74	63.64
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	300	0.96	26.96	30.30

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PHYSICAL SCIENTISTS	390	1.24	N.A.	N.A.
CHEMISTS, EXCEPT BIOCHEMISTS	330	1.05	14.78	78.79
ALL OTHER PHYSICAL SCIENTISTS	60	0.19	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	780	2.49	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	680	2.17	15.17	63.64
PETROLEUM TECHNICIANS AND TECHNOLOGISTS	100	0.32	36.52	21.21
COMPUTER SCIENTISTS AND RELATED WORKERS	30	0.09	N.A.	N.A.
COMPUTER PROGRAMMER AIDES	30	0.09	45.68	6.06
LAWYERS	40	0.12	45.27	12.12
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	50	0.16	15.94	39.39
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	860	2.75	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	220	0.70	N.A.	N.A.
SALES ENGINEERS	70	0.22	39.12	12.12
ALL OTHER SALES AND RELATED WORKERS	150	0.48	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3,440	10.92	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	350	1.12	17.64	75.76
SECRETARIES	720	2.30	20.71	78.79
RECEPTIONISTS AND INFORMATION CLERKS	20	0.06	48.69	18.18
TYPISTS	30	0.09	41.98	24.24
TYPISTS, WORD PROCESSING EQUIPMENT	40	0.12	28.77	15.15
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	70	0.22	20.81	39.39
FILE CLERKS	30	0.09	34.41	15.15
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	80	0.25	33.04	18.18
PROCUREMENT CLERKS	40	0.12	39.26	30.30
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	320	1.02	24.33	60.61
PAYROLL AND TIMEKEEPING CLERKS	150	0.48	21.23	45.45
GENERAL OFFICE CLERKS	500	1.60	33.71	60.61
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	190	0.60	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	120	0.38	34.71	30.30
DATA ENTRY KEYERS, EXCEPT COMPOSING	50	0.16	22.32	30.30
ALL OTHER OFFICE MACHINE OPERATORS	20	0.06	30.66	21.21
SWITCHBOARD OPERATORS	60	0.19	23.48	48.48
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	520	1.64	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	30	0.09	43.35	30.30

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	160	0.51	14.80	42.42
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	200	0.64	17.67	42.42
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	90	0.28	29.28	39.39
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	40	0.12	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	320	1.02	N.A.	N.A.
SERVICE OCCUPATIONS	310	0.98	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	50	0.16	17.14	33.33
GUARDS AND WATCH GUARDS	220	0.70	20.10	42.42
ALL OTHER SERVICE WORKERS	40	0.12	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	18,910	60.34	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	2,180	6.97	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	540	1.73	16.62	69.70
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	320	1.02	34.25	33.33
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	1,230	3.94	11.76	78.79
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	90	0.28	20.97	33.33
PRECISION INSPECTORS, TESTERS, AND GRADERS	140	0.44	24.29	36.36
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	250	0.80	24.64	39.39
MACHINERY MAINTENANCE MECHANICS	830	2.65	21.11	54.55
MAINTENANCE REPAIRERS, GENERAL UTILITY	730	2.33	17.66	57.58
PRECISION INSTRUMENT REPAIRERS	670	2.14	11.94	63.64
MECHANICAL CONTROL AND VALVE INSTALLERS AND REPAIRERS	290	0.92	22.87	39.39
RIGGERS	130	0.41	25.15	18.18
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	270	0.86	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	1,930	6.16	N.A.	N.A.
CARPENTERS	190	0.60	18.84	36.36
ELECTRICIANS	450	1.44	15.49	51.52
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	70	0.22	26.39	27.27
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	970	3.10	21.72	39.39
INSULATION WORKERS	100	0.32	19.55	27.27
ALL OTHER CONSTRUCTION TRADES WORKERS	150	0.48	44.77	9.09

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION METAL WORKERS	1,010	3.22	N.A.	N.A.
MACHINISTS	610	1.95	17.07	39.39
BOILERMAKERS	380	1.21	18.85	30.30
ALL OTHER PRECISION METAL WORKERS	20	0.06	40.25	9.09
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	3,590	11.46	N.A.	N.A.
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	180	0.57	31.75	15.15
BOILER OPERATORS AND TENDERS, LOW PRESSURE	120	0.38	29.62	21.21
CHEMICAL EQUIPMENT CONTROLLERS AND OPERATORS	1,960	6.28	28.18	36.36
CHEMICAL EQUIPMENT TENDERS	350	1.12	30.54	12.12
SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE OPERATORS AND TENDERS	420	1.34	31.88	9.09
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	290	0.92	26.27	21.21
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	80	0.25	49.42	3.03
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	10	0.03	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	180	0.57	34.38	15.15
OTHER HAND WORKERS, NEC	380	1.21	N.A.	N.A.
WELDERS AND CUTTERS	320	1.02	18.01	39.39
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	60	0.19	44.95	6.06
PLANT AND SYSTEM WORKERS	4,150	13.26	N.A.	N.A.
CHEMICAL PLANT AND SYSTEM OPERATORS	570	1.82	30.08	33.33
PETROLEUM PUMP SYSTEM OPERATORS	470	1.50	22.60	42.42
PETROLEUM REFINERY AND CONTROL PANEL OPERATORS	2,350	7.52	20.86	57.58
GAUGERS	260	0.83	27.99	24.24
POWER DISTRIBUTORS AND DISPATCHERS	210	0.67	40.81	12.12
STATIONARY ENGINEERS	100	0.32	29.70	12.12
ALL OTHER PLANT AND SYSTEM OPERATORS	190	0.60	N.A.	N.A.
MOTOR VEHICLE OPERATORS	30	0.09	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	30	0.09	40.57	15.15
ALL OTHER TRANSPORTATION AND RELATED WORKERS	400	1.28	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	680	2.16	N.A.	N.A.
TANK CAR AND TRUCK LOADERS	220	0.70	35.02	48.48
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	80	0.25	27.16	18.18
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	380	1.21	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	350	1.12	24.91	27.27
CONSTRUCTION TRADES AND EXTRACTIVE WORKER HELPERS	80	0.25	29.73	15.15
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	240	0.76	23.62	30.30

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	420	1.34	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	160	0.51	N.A.	N.A.

SIC 295 PAVING AND ROOFING MATERIALS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,090	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	150	7.09	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	40	1.89	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	40	1.89	19.99	50.00
GENERAL MANAGERS AND TOP EXECUTIVES	40	1.89	14.44	76.92
ALL OTHER MANAGERS AND ADMINISTRATORS	30	1.42	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	60	2.83	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.94	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	1.89	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	90	4.25	N.A.	N.A.
SALES REPRESENTATIVES,, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	70	3.31	29.65	34.62
ALL OTHER SALES AND RELATED WORKERS	20	0.94	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	210	9.90	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.94	15.26	57.69
SECRETARIES	30	1.42	19.38	65.38
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	10	0.47	23.74	34.62
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	1.89	17.95	53.85
GENERAL OFFICE CLERKS	20	0.94	29.69	30.77
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	40	1.88	N.A.	N.A.
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	20	0.94	11.25	30.77
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.94	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	2.36	N.A.	N.A.
SERVICE OCCUPATIONS	30	1.41	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.94	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.47	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,550	73.33	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	200	9.46	N.A.	N.A.

SIC 295 PAVING AND ROOFING MATERIALS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	10	0.47	6.22	34.62
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	170	8.05	13.32	65.38
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	20	0.94	17.54	15.38
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	50	2.36	15.29	38.46
MACHINERY MAINTENANCE MECHANICS	80	3.79	7.67	34.62
MAINTENANCE REPAIRERS, GENERAL UTILITY	50	2.36	12.49	38.46
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	10	0.47	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	10	0.47	N.A.	N.A.
ELECTRICIANS	10	0.47	17.55	11.54
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	350	16.55	N.A.	N.A.
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	40	1.89	10.21	26.92
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	20	0.94	12.48	19.23
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	100	4.73	13.74	53.85
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	70	3.31	29.91	42.31
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	10	0.47	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	110	5.21	N.A.	N.A.
PLANT AND SYSTEM WORKERS	60	2.84	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	120	5.68	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	170	8.04	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	120	5.68	7.16	50.00
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	50	2.36	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	60	2.84	20.22	30.77
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	80	3.79	29.10	23.08
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	290	13.74	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.94	N.A.	N.A.

SIC 299 MISC. PRODUCTS OF PETROLEUM AND COAL
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,100	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	80	7.32	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	20	1.83	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	1.83	27.03	46.15
GENERAL MANAGERS AND TOP EXECUTIVES	40	3.66	17.12	76.92
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	90	8.24	N.A.	N.A.
ACCOUNTANTS, AUDITORS AND OTHER FINANCIAL SPECIALISTS	10	0.91	N.A.	N.A.
PHYSICAL SCIENTISTS	30	2.75	N.A.	N.A.
CHEMISTS, EXCEPT BIOCHEMISTS	30	2.75	38.43	38.46
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	30	2.75	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	30	2.75	18.96	46.15
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	1.83	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	120	10.99	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	80	7.33	10.90	61.54
ALL OTHER SALES AND RELATED WORKERS	40	3.66	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	190	17.39	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	1.83	17.71	30.77
SECRETARIES	50	4.58	9.38	61.54
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	3.66	13.21	69.23
GENERAL OFFICE CLERKS	10	0.91	28.85	46.15
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	20	1.83	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	4.58	N.A.	N.A.
SERVICE OCCUPATIONS	20	1.82	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	10	0.91	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	10	0.91	25.61	30.77
ALL OTHER SERVICE WORKERS	10	0.91	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	600	54.98	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	40	3.66	N.A.	N.A.

SIC 299 MISC. PRODUCTS OF PETROLEUM AND COAL
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	40	3.66	19.07	46.15
MECHANICS, INSTALLERS, AND REPAIRERS	20	1.83	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	20	1.83	33.04	38.46
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	180	16.50	N.A.	N.A.
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	60	5.50	20.83	15.38
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	70	6.42	16.14	46.15
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	50	4.58	N.A.	N.A.
MOTOR VEHICLE OPERATORS	90	8.24	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	80	7.33	21.12	46.15
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	10	0.91	23.08	30.77
HELPERS, MECHANIC AND REPAIRER	10	0.91	49.92	15.38
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	70	6.42	6.35	46.15
HAND PACKERS AND PACKAGERS	70	6.42	44.70	7.69
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	30	2.75	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	70	6.42	N.A.	N.A.

SIC 30 RUBBER/MISCELLANEOUS PLASTICS PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	31,340	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	2,010	6.38	N.A.	N.A.
FINANCIAL MANAGERS	120	0.38	26.87	32.86
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	120	0.38	42.71	24.29
ALL OTHER ADMINISTRATIVE MANAGERS	230	0.73	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	520	1.65	29.12	58.57
GENERAL MANAGERS AND TOP EXECUTIVES	840	2.67	13.40	85.71
ALL OTHER MANAGERS AND ADMINISTRATORS	180	0.57	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,080	3.36	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	230	0.73	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	50	0.15	39.23	30.00
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	30	0.09	28.01	21.43
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.12	N.A.	N.A.
ENGINEERS	290	0.91	N.A.	N.A.
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	80	0.25	26.83	20.00
MECHANICAL ENGINEERS	130	0.41	49.25	25.71
ALL OTHER ENGINEERS	80	0.25	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	160	0.50	N.A.	N.A.
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	40	0.12	39.57	10.00
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	120	0.38	N.A.	N.A.
PHYSICAL SCIENTISTS	30	0.09	N.A.	N.A.
LIFE SCIENTISTS	20	0.06	0.00	1.43
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	80	0.25	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	60	0.19	14.79	15.71
ALL OTHER PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	20	0.06	0.00	1.43
COMPUTER SCIENTISTS AND RELATED WORKERS	60	0.18	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	30	0.09	3.53	12.86
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	30	0.09	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	90	0.28	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	690	2.18	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	110	0.35	46.07	15.71
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	30	0.09	30.77	5.71

SIC 30 RUBBER/MISCELLANEOUS PLASTICS PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	450	1.43	45.68	35.71
ALL OTHER SALES AND RELATED WORKERS	100	0.31	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,560	8.11	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	130	0.41	41.91	28.57
SECRETARIES	480	1.53	24.77	60.00
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	50	0.15	43.83	18.57
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	480	1.53	26.92	45.71
GENERAL OFFICE CLERKS	280	0.89	34.39	35.71
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	70	0.21	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	20	0.06	27.05	14.29
DATA ENTRY KEYERS, EXCEPT COMPOSING	50	0.15	42.08	21.43
SWITCHBOARD OPERATORS	20	0.06	31.55	17.14
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	670	2.12	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	160	0.51	26.85	28.57
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	360	1.14	30.72	47.14
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	150	0.47	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	380	1.21	N.A.	N.A.
SERVICE OCCUPATIONS	300	0.94	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	20	0.06	13.99	14.29
GUARDS AND WATCH GUARDS	70	0.22	12.17	21.43
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	210	0.66	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	24,700	78.55	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,840	5.86	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	130	0.41	41.12	31.43
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	1,540	4.91	15.80	71.43
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	170	0.54	N.A.	N.A.

SIC 30 RUBBER/MISCELLANEOUS PLASTICS PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION INSPECTORS, TESTERS, AND GRADERS	140	0.44	12.63	12.86
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	1,160	3.69	26.06	34.29
MACHINERY MAINTENANCE MECHANICS	900	2.86	35.55	35.71
MILLWRIGHTS	80	0.25	6.49	2.86
MAINTENANCE REPAIRERS, GENERAL UTILITY	340	1.08	43.97	21.43
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	170	0.54	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	200	0.62	N.A.	N.A.
CARPENTERS	10	0.03	0.00	2.86
ELECTRICIANS	150	0.47	21.03	17.14
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	10	0.03	5.21	7.14
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	30	0.09	0.00	2.86
PRECISION METAL WORKERS	240	0.75	N.A.	N.A.
TOOL AND DIE MAKERS	90	0.28	43.19	17.14
MACHINISTS	130	0.41	31.65	28.57
ALL OTHER PRECISION METAL WORKERS	20	0.06	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	10,030	31.97	N.A.	N.A.
ROLLING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	20	0.06	49.33	1.43
PLASTIC MOLDING AND CASTING MACHINE OPERATORS AND TENDERS	6,640	21.17	31.09	24.29
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	1,790	5.70	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	1,600	5.10	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	3,810	12.09	N.A.	N.A.
PRINTING PRESS MACHINE SETTERS AND SET-UP OPERATORS	30	0.09	49.95	2.86
PRINTING AND RELATED MACHINE OPERATORS AND TENDERS	120	0.38	N.A.	N.A.
TIRE BUILDING MACHINE OPERATORS	150	0.47	2.92	4.29
CHEMICAL EQUIPMENT TENDERS	20	0.06	13.01	1.43
CUTTING & SLICING MACHINE SETTERS & SET-UP OPERATORS	100	0.31	30.26	4.29
CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS	50	0.15	27.04	5.71
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	40	0.12	13.58	4.29
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	530	1.69	46.76	22.86
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	680	2.16	18.48	32.86
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	70	0.22	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	2,140	6.82	N.A.	N.A.

SIC 30 RUBBER/MISCELLANEOUS PLASTICS PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
OTHER HAND WORKERS, NEC	1,340	4.25	N.A.	N.A.
WELDERS AND CUTTERS	30	0.09	27.56	7.14
MOLDERS AND CASTERS, HAND	20	0.06	27.75	4.29
PAINTING, COATING, AND DECORATING WORKERS, HAND	10	0.03	0.00	1.43
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	920	2.93	49.53	28.57
ALL OTHER HAND WORKERS, NEC	360	1.14	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	720	2.29	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	20	0.06	35.52	4.29
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	1,050	3.34	30.61	24.29
HAND PACKERS AND PACKAGERS	490	1.56	30.49	15.71
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,090	3.47	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	940	2.99	N.A.	N.A.

SIC 301 TIRES AND INNER TUBES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,880	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	100	3.41	N.A.	N.A.
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	10	0.34	10.20	40.00
ALL OTHER ADMINISTRATIVE MANAGERS	30	1.03	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	0.68	8.26	60.00
GENERAL MANAGERS AND TOP EXECUTIVES	20	0.68	14.78	90.00
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.68	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	210	7.18	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.68	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	10	0.34	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	10	0.34	24.22	30.00
ENGINEERS	50	1.70	N.A.	N.A.
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	20	0.68	4.23	30.00
MECHANICAL ENGINEERS	10	0.34	9.14	30.00
ALL OTHER ENGINEERS	20	0.68	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	30	1.03	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	10	0.34	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	10	0.34	38.05	20.00
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	90	3.09	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	20	0.68	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	10	0.34	38.97	30.00
ALL OTHER SALES AND RELATED WORKERS	10	0.34	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	210	7.18	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.68	12.47	50.00
SECRETARIES	20	0.68	17.33	60.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	10	0.34	22.07	50.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.68	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	80	2.74	N.A.	N.A.
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	40	1.37	28.39	40.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	40	1.37	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	2.06	N.A.	N.A.

SIC 301 TIRES AND INNER TUBES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SERVICE OCCUPATIONS	80	2.74	N.A.	N.A.
GUARDS AND WATCH GUARDS	20	0.68	29.18	40.00
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	60	2.06	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	60	2.06	5.53	60.00
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,260	77.51	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	180	6.17	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	40	1.37	3.54	50.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	120	4.12	11.10	70.00
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.68	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	80	2.74	13.84	20.00
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	110	3.78	0.00	30.00
MACHINERY MAINTENANCE MECHANICS	30	1.03	11.74	30.00
MILLWRIGHTS	80	2.74	6.49	20.00
MACHINERY MAINTENANCE WORKERS	30	1.03	21.43	30.00
MAINTENANCE REPAIRERS, GENERAL UTILITY	20	0.68	32.80	30.00
PRECISION INSTRUMENT REPAIRERS	10	0.34	0.00	10.00
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	30	1.03	32.78	30.00
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	80	2.74	N.A.	N.A.
ELECTRICIANS	50	1.71	0.00	20.00
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	30	1.03	0.00	20.00
PRECISION METAL WORKERS	20	0.68	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	60	2.06	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	610	20.92	N.A.	N.A.
TIRE BUILDING MACHINE OPERATORS	150	5.15	2.92	30.00
CUTTING & SLICING MACHINE SETTERS & SET-UP OPERATORS	40	1.37	0.00	10.00
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	20	0.68	37.52	30.00
CEMENTING AND GLUING MACHINE OPERATORS AND TENDERS	30	1.03	0.00	20.00

SIC 301   TIRES AND INNER TUBES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS..........	30	1.03	0.00	10.00
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS..........	60	2.06	0.00	30.00
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS..........	70	2.40	12.91	40.00
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS..........	20	0.68	46.74	20.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC..........	50	1.71	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC..........	140	4.81	N.A.	N.A.
OTHER HAND WORKERS, NEC..........	310	10.64	N.A.	N.A.
CUTTERS AND TRIMMERS, HAND..........	10	0.34	34.15	20.00
ALL OTHER HAND WORKERS, NEC..........	300	10.30	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS..........	380	13.05	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS..........	80	2.74	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER..........	10	0.34	48.43	10.00
MACHINE FEEDERS AND OFFBEARERS..........	30	1.03	0.00	20.00
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND..........	40	1.37	0.00	20.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND..........	30	1.03	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS..........	40	1.37	N.A.	N.A.

SIC 306 FABRICATED RUBBER PRODUCTS, NEC
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,180	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	230	10.61	N.A.	N.A.
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	10	0.46	11.46	20.00
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	20	0.92	23.61	25.00
ALL OTHER ADMINISTRATIVE MANAGERS	30	1.38	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	40	1.85	21.96	55.00
GENERAL MANAGERS AND TOP EXECUTIVES	100	4.62	7.82	95.00
ALL OTHER MANAGERS AND ADMINISTRATORS	30	1.38	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	270	12.45	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	30	1.38	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	50	2.31	N.A.	N.A.
ENGINEERS	50	2.31	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	0.92	N.A.	N.A.
LIFE SCIENTISTS	20	0.92	0.00	5.00
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	50	2.30	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	30	1.38	15.74	25.00
ALL OTHER PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	20	0.92	0.00	5.00
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	50	2.31	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	120	5.54	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	100	4.62	20.97	50.00
ALL OTHER SALES AND RELATED WORKERS	20	0.92	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	280	12.94	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10	0.46	23.70	15.00
SECRETARIES	80	3.70	6.50	70.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	60	2.77	15.02	35.00
GENERAL OFFICE CLERKS	20	0.92	37.79	20.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	40	1.85	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	70	3.24	N.A.	N.A.
SERVICE OCCUPATIONS	20	0.92	N.A.	N.A.

SIC 306 FABRICATED RUBBER PRODUCTS, NEC
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,260	58.25	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	100	4.62	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	20	0.92	30.58	20.00
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	20	0.92	15.89	10.00
MECHANICS, INSTALLERS, AND REPAIRERS	20	0.92	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	30	1.38	10.27	25.00
PRECISION METAL WORKERS	60	2.77	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	90	4.16	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	530	24.53	N.A.	N.A.
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	340	15.74	11.51	65.00
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	190	8.79	N.A.	N.A.
OTHER HAND WORKERS, NEC	310	14.34	N.A.	N.A.
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	220	10.18	45.06	40.00
ALL OTHER HAND WORKERS, NEC	90	4.16	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	20	0.92	0.00	5.00
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	10	0.46	13.53	15.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	40	1.85	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.46	N.A.	N.A.

SIC 307 MISCELLANEOUS PLASTICS PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	26,210	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,650	6.26	N.A.	N.A.
FINANCIAL MANAGERS	100	0.38	32.94	40.54
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	110	0.41	48.55	32.43
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	50	0.19	48.28	27.03
ALL OTHER ADMINISTRATIVE MANAGERS	110	0.41	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	450	1.71	33.47	62.16
GENERAL MANAGERS AND TOP EXECUTIVES	700	2.67	15.93	81.08
ALL OTHER MANAGERS AND ADMINISTRATORS	130	0.49	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	610	2.29	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	80	0.30	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	170	0.64	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	110	0.41	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	20	0.07	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	20	0.07	33.13	10.81
COMPUTER SCIENTISTS AND RELATED WORKERS	20	0.07	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	210	0.80	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	530	2.01	N.A.	N.A.
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	30	0.11	30.77	10.81
ALL OTHER SALES AND RELATED WORKERS	500	1.90	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,030	7.70	N.A.	N.A.
SECRETARIES	370	1.41	32.14	54.05
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	400	1.52	31.95	51.35
GENERAL OFFICE CLERKS	240	0.91	39.62	40.54
SWITCHBOARD OPERATORS	10	0.03	46.46	24.32
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	550	2.08	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	150	0.57	29.19	37.84
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	290	1.10	38.16	48.65
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	110	0.41	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	460	1.75	N.A.	N.A.
SERVICE OCCUPATIONS	200	0.75	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	10	0.03	22.98	13.51

SIC 307 MISCELLANEOUS PLASTICS PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
GUARDS AND WATCH GUARDS	40	0.15	8.07	24.32
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	150	0.57	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	21,190	80.77	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,580	6.02	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	1,340	5.11	18.23	70.27
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	240	0.91	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	1,040	3.96	29.22	51.35
MECHANICS, INSTALLERS, AND REPAIRERS	380	1.45	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	850	3.24	37.99	45.95
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	100	0.37	N.A.	N.A.
CARPENTERS	10	0.03	0.00	2.70
ELECTRICIANS	90	0.34	34.05	24.32
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	9,890	37.74	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	2,670	10.17	N.A.	N.A.
PRINTING PRESS MACHINE SETTERS AND SET-UP OPERATORS	30	0.11	49.95	5.41
PRINTING AND RELATED MACHINE OPERATORS AND TENDERS	120	0.45	N.A.	N.A.
CHEMICAL EQUIPMENT TENDERS	20	0.07	13.01	2.70
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	270	1.03	44.37	16.22
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	70	0.26	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	2,280	8.70	N.A.	N.A.
OTHER HAND WORKERS, NEC	710	2.70	N.A.	N.A.
WELDERS AND CUTTERS	20	0.07	46.82	5.41
ALL OTHER HAND WORKERS, NEC	690	2.63	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	400	1.52	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	1,000	3.81	32.12	32.43
HAND PACKERS AND PACKAGERS	470	1.79	31.99	21.62
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,000	3.81	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	980	3.74	N.A.	N.A.

SIC 31 LEATHER/LEATHER PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	7,380	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	360	4.87	N.A.	N.A.
FINANCIAL MANAGERS	20	0.27	23.05	22.81
PURCHASING MANAGERS	20	0.27	29.50	21.05
ALL OTHER ADMINISTRATIVE MANAGERS	40	0.54	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	70	0.95	22.41	38.60
GENERAL MANAGERS AND TOP EXECUTIVES	160	2.17	17.37	66.67
ALL OTHER MANAGERS AND ADMINISTRATORS	50	0.67	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	120	1.60	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	30	0.40	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	30	0.40	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	10	0.13	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	10	0.13	N.A.	N.A.
COMPUTER PROGRAMMERS	10	0.13	44.76	8.77
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	0.54	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	300	4.06	N.A.	N.A.
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	50	0.67	16.58	5.26
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	130	1.76	32.75	24.56
ALL OTHER SALES AND RELATED WORKERS	120	1.63	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	930	12.54	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	40	0.54	29.95	22.81
ADJUSTMENT CLERKS	60	0.81	44.09	14.04
SECRETARIES	90	1.22	20.76	42.11
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	20	0.27	42.35	7.02
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	80	1.08	23.89	40.35
PAYROLL AND TIMEKEEPING CLERKS	30	0.40	24.32	24.56
BILLING, COST AND RATE CLERKS	20	0.27	29.94	15.79
GENERAL OFFICE CLERKS	80	1.08	26.44	36.84
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	80	1.07	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	50	0.67	25.07	14.04
ALL OTHER OFFICE MACHINE OPERATORS	30	0.40	N.A.	N.A.
SWITCHBOARD OPERATORS	10	0.13	36.88	10.53

SIC 31 LEATHER/LEATHER PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	370	5.00	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	50	0.67	46.53	10.53
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	70	0.95	44.29	15.79
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	220	2.98	12.05	47.37
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	0.40	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	0.67	N.A.	N.A.
SERVICE OCCUPATIONS	120	1.61	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	10	0.13	49.17	3.51
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	80	1.08	N.A.	N.A.
ALL OTHER SERVICE WORKERS	30	0.40	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	5,550	75.27	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	210	2.84	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	160	2.17	20.48	40.35
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	50	0.67	N.A.	N.A.
MECHANICS, INSTALLERS, AND REPAIRERS	80	1.08	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	60	0.80	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS, SEWING MACHINES	30	0.40	40.99	10.53
ALL OTHER MACHINERY MAINTENANCE MECHANICS	30	0.40	N.A.	N.A.
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	1,060	14.39	N.A.	N.A.
SHOE AND LEATHER WORKERS AND REPAIRERS- PRECISION	960	13.04	30.08	45.61
ALL OTHER PRECISION TEXTILE, APPAREL, & FURNISHINGS WORKERS	100	1.35	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	2,300	31.21	N.A.	N.A.
TEXTILE MACHINE OPERATORS AND TENDERS- WINDING, TWISTING, KNITTING, WEAVING, AND CUTTING	330	4.48	44.98	8.77
SEWING MACHINE OPERATORS, GARMENT	370	5.02	16.34	22.81
SHOE SEWING MACHINE OPERATORS AND TENDERS	470	6.38	34.57	21.05
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	100	1.35	32.30	19.30
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	180	2.44	N.A.	N.A.

SIC 31   LEATHER/LEATHER PRODUCTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	850	11.54	N.A.	N.A.
OTHER HAND WORKERS, NEC	750	10.17	N.A.	N.A.
CUTTERS AND TRIMMERS, HAND	100	1.35	16.25	31.58
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	510	6.92	29.17	21.05
ALL OTHER HAND WORKERS, NEC	140	1.90	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	30	0.40	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	110	1.49	39.77	14.04
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	680	9.23	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	270	3.66	N.A.	N.A.

SIC 319 LEATHER GOODS, NEC
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,130	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	80	7.25	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	20	1.81	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	2.72	37.12	46.67
GENERAL MANAGERS AND TOP EXECUTIVES	30	2.72	27.92	53.33
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	20	1.81	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	150	13.63	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	80	7.27	31.99	26.67
ALL OTHER SALES AND RELATED WORKERS	70	6.36	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	180	16.31	N.A.	N.A.
SECRETARIES	20	1.81	33.38	33.33
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	20	1.81	38.85	33.33
GENERAL OFFICE CLERKS	40	3.63	34.45	46.67
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	60	5.43	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	10	0.90	5.65	13.33
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	40	3.63	23.50	46.67
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	10	0.90	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	3.63	N.A.	N.A.
SERVICE OCCUPATIONS	20	1.81	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	680	61.76	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	40	3.63	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	40	3.63	17.02	40.00
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	20	1.81	30.84	33.33
PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS	210	19.09	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	230	20.90	N.A.	N.A.
SEWING MACHINE OPERATORS, NON-GARMENT	70	6.36	30.99	40.00

SIC 319 LEATHER GOODS, NEC
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	50	4.54	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	110	10.00	N.A.	N.A.
OTHER HAND WORKERS, NEC	150	13.61	N.A.	N.A.
SEWERS, HAND	40	3.63	0.00	13.33
CUTTERS AND TRIMMERS, HAND	30	2.72	34.54	40.00
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	50	4.54	34.91	26.67
ALL OTHER HAND WORKERS, NEC	30	2.72	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	30	2.72	N.A.	N.A.

SIC 32 STONE/CLAY/GLASS/CONCRETE PROD
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	47,990	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	2,330	4.82	N.A.	N.A.
FINANCIAL MANAGERS	180	0.37	20.51	28.07
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	80	0.16	20.07	18.71
PURCHASING MANAGERS	30	0.06	17.77	9.94
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	170	0.35	21.33	15.20
ADMINISTRATIVE SERVICES MANAGERS	40	0.08	29.18	7.02
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	60	0.12	17.94	11.70
INDUSTRIAL PRODUCTION MANAGERS	710	1.48	14.52	49.71
GENERAL MANAGERS AND TOP EXECUTIVES	890	1.85	11.51	70.76
ALL OTHER MANAGERS AND ADMINISTRATORS	170	0.35	27.62	14.04
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,270	2.57	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	170	0.35	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	130	0.27	14.92	22.22
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	70	0.14	22.48	10.53
COST ESTIMATORS	20	0.04	41.25	4.09
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.08	42.37	5.85
ENGINEERS	340	0.68	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	50	0.10	27.73	5.85
CHEMICAL ENGINEERS	40	0.08	36.46	2.92
ELECTRICAL AND ELECTRONIC ENGINEERS	60	0.12	21.40	6.43
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	80	0.16	18.11	12.28
MECHANICAL ENGINEERS	90	0.18	24.13	12.28
ALL OTHER ENGINEERS	20	0.04	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	210	0.43	N.A.	N.A.
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	30	0.06	36.83	2.92
DRAFTERS	130	0.27	37.75	12.87
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	50	0.10	N.A.	N.A.
PHYSICAL SCIENTISTS	100	0.20	N.A.	N.A.
CHEMISTS, EXCEPT BIOCHEMISTS	100	0.20	37.21	4.68
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	60	0.12	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	60	0.12	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	20	0.04	26.59	4.09
COMPUTER PROGRAMMERS	30	0.06	21.93	8.19
COMPUTER PROGRAMMER AIDES	10	0.02	45.24	4.09
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	10	0.02	13.22	2.92

SIC 32 STONE/CLAY/GLASS/CONCRETE PROD
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
DESIGNERS, EXCEPT INTERIOR DESIGNERS	30	0.06	36.22	2.34
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.06	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,360	2.82	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	200	0.41	37.94	11.11
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	120	0.25	43.98	4.09
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	870	1.81	14.93	35.09
ALL OTHER SALES AND RELATED WORKERS	170	0.35	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	4,350	8.98	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	130	0.27	25.34	21.05
ADJUSTMENT CLERKS	70	0.14	29.12	8.77
SECRETARIES	570	1.18	13.93	51.46
RECEPTIONISTS AND INFORMATION CLERKS	120	0.25	23.47	18.71
TYPISTS	20	0.04	46.18	3.51
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	30	0.06	24.96	9.36
FILE CLERKS	20	0.04	38.17	2.34
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	60	0.12	26.13	6.43
PROCUREMENT CLERKS	20	0.04	8.05	5.85
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	540	1.12	17.11	42.69
PAYROLL AND TIMEKEEPING CLERKS	140	0.29	16.93	26.32
BILLING, COST AND RATE CLERKS	120	0.25	28.98	16.96
GENERAL OFFICE CLERKS	570	1.18	18.53	33.33
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	120	0.24	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	60	0.12	26.93	10.53
ALL OTHER OFFICE MACHINE OPERATORS	60	0.12	N.A.	N.A.
SWITCHBOARD OPERATORS	60	0.12	30.96	12.28
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,720	3.56	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	920	1.91	12.84	28.07
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	160	0.33	46.24	5.85
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	170	0.35	16.41	17.54
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	280	0.58	10.15	25.15
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	190	0.39	N.A.	N.A.

SIC 32 STONE/CLAY/GLASS/CONCRETE PROD
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	0.08	N.A.	N.A.
SERVICE OCCUPATIONS	330	0.67	N.A.	N.A.
GUARDS AND WATCH GUARDS	80	0.16	32.30	7.02
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	210	0.43	N.A.	N.A.
ALL OTHER SERVICE WORKERS	40	0.08	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	38,350	79.70	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	2,170	4.51	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	210	0.43	18.61	22.81
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	80	0.16	29.51	4.68
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	1,400	2.92	11.74	54.39
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	240	0.50	19.33	19.88
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	240	0.50	26.59	14.04
PRECISION INSPECTORS, TESTERS, AND GRADERS	40	0.08	46.05	4.68
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	1,040	2.16	15.59	26.90
MACHINERY MAINTENANCE MECHANICS	1,180	2.46	10.31	31.58
REFRACTORY MATERIALS REPAIRERS, EXCEPT BRICK MASONS	30	0.06	45.35	3.51
MACHINERY MAINTENANCE WORKERS	210	0.43	34.83	11.70
MAINTENANCE REPAIRERS, GENERAL UTILITY	810	1.68	12.52	31.58
AUTOMOTIVE MECHANICS	190	0.39	39.31	5.85
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	650	1.35	21.54	13.45
MOBILE HEAVY EQUIPMENT MECHANICS, EXCEPT ENGINES	60	0.12	34.77	5.85
PRECISION INSTRUMENT REPAIRERS	100	0.20	29.32	3.51
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	40	0.08	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	1,090	2.26	N.A.	N.A.
CARPENTERS	70	0.14	41.19	8.19
ELECTRICIANS	250	0.52	15.59	16.37
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	20	0.04	29.93	3.51
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	20	0.04	33.63	1.75
ALL OTHER CONSTRUCTION TRADES WORKERS	730	1.52	N.A.	N.A.

SIC 32 STONE/CLAY/GLASS/CONCRETE PROD
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	240	0.50	38.65	7.02
PRECISION METAL WORKERS	360	0.73	N.A.	N.A.
TOOL AND DIE MAKERS	40	0.08	38.51	2.92
MACHINISTS	220	0.45	39.52	12.28
ALL OTHER PRECISION METAL WORKERS	100	0.20	N.A.	N.A.
PRECISION WORKERS, NEC	660	1.36	N.A.	N.A.
PRECISION MOLDERS, SHAPERS, CASTERS, AND CARVERS, EXCEPT JEWLRY AND FOUNDRY	570	1.18	29.31	14.04
PRECISION DETAIL DESIGN DECORATORS AND PAINTERS	30	0.06	14.84	2.92
ALL OTHER PRECISION WORKERS, NEC	60	0.12	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	970	2.01	N.A.	N.A.
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	120	0.25	33.61	2.92
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	160	0.33	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	690	1.43	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	7,430	15.45	N.A.	N.A.
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	1,270	2.64	12.79	30.41
CUTTING & SLICING MACHINE SETTERS & SET-UP OPERATORS	90	0.18	35.45	7.60
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	350	0.73	22.53	11.11
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	120	0.25	44.78	4.68
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	60	0.12	36.08	4.09
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	1,530	3.19	17.29	38.01
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE SETTERS AND SET-UP OPERATORS	710	1.48	31.10	13.45
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	1,030	2.14	24.71	12.28
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	1,160	2.42	16.69	12.87
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	90	0.18	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	1,020	2.12	N.A.	N.A.
OTHER HAND WORKERS, NEC	2,530	5.24	N.A.	N.A.
GLAZIERS, MANUFACTURING	100	0.20	37.79	5.26
WELDERS AND CUTTERS	400	0.83	39.72	14.62
CUTTERS AND TRIMMERS, HAND	190	0.39	20.15	12.28
MOLDERS AND CASTERS, HAND	390	0.81	23.81	8.77

SIC 32 STONE/CLAY/GLASS/CONCRETE PROD
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
GRINDING AND POLISHING WORKERS, HAND	280	0.58	44.92	13.45
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	900	1.87	18.78	15.79
ALL OTHER HAND WORKERS, NEC	270	0.56	N.A.	N.A.
PLANT AND SYSTEM WORKERS	150	0.31	30.04	7.02
TRANSPORTATION EQUIPMENT OPERATORS	10,500	21.90	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	2,450	5.08	N.A.	N.A.
GRADER, DOZER, AND SCRAPER OPERATORS	400	0.83	35.90	12.28
HOIST AND WINCH OPERATORS	40	0.08	28.72	3.51
CRANE AND TOWER OPERATORS	150	0.31	39.36	8.77
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	1,380	2.87	17.10	31.58
CONVEYOR OPERATORS AND TENDERS	320	0.66	23.44	9.94
OPERATING ENGINEERS	30	0.06	26.16	5.26
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	130	0.27	22.18	7.02
HELPERS, MECHANIC AND REPAIRER	150	0.31	26.37	8.77
MACHINE FEEDERS AND OFFBEARERS	720	1.50	26.29	12.87
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	670	1.39	9.05	18.13
HAND PACKERS AND PACKAGERS	810	1.68	16.83	16.96
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	3,080	6.42	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.04	N.A.	N.A.

SIC 321   FLAT GLASS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,180	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	40	3.37	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	1.69	8.99	42.86
GENERAL MANAGERS AND TOP EXECUTIVES	10	0.84	16.43	71.43
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.84	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	60	5.07	N.A.	N.A.
ENGINEERS	30	2.53	N.A.	N.A.
MECHANICAL ENGINEERS	10	0.84	0.00	28.57
ALL OTHER ENGINEERS	20	1.69	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	2.54	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	10	0.84	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	10	0.84	4.16	57.14
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	60	5.07	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	20	1.69	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	3.38	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,010	85.52	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	80	6.77	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	60	5.08	1.11	57.14
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	20	1.69	0.00	28.57
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	20	1.69	0.00	28.57
MECHANICS, INSTALLERS, AND REPAIRERS	20	1.69	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	80	6.77	0.00	28.57
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	140	11.86	N.A.	N.A.
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	70	5.93	0.00	42.86

SIC 321 FLAT GLASS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	70	5.93	N.A.	N.A.
OTHER HAND WORKERS, NEC	50	4.23	N.A.	N.A.
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	20	1.69	0.00	28.57
ALL OTHER HAND WORKERS, NEC	30	2.54	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	170	14.39	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	130	11.01	0.00	14.29
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	40	3.38	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	170	14.40	0.00	28.57
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	260	22.03	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	1.69	N.A.	N.A.

SIC 322 GLASS AND GLASSWARE, PRESSED OR BLOWN
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,570	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	100	2.80	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	40	1.12	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	0.84	37.16	36.36
GENERAL MANAGERS AND TOP EXECUTIVES	20	0.56	11.08	54.55
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.28	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	170	4.76	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	40	1.12	N.A.	N.A.
ENGINEERS	60	1.68	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	70	1.96	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	10	0.28	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	130	3.64	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.56	27.11	45.45
SECRETARIES	30	0.84	25.92	81.82
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	10	0.28	1.59	45.45
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	50	1.40	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	40	1.12	10.71	36.36
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	10	0.28	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	20	0.56	N.A.	N.A.
SERVICE OCCUPATIONS	30	0.84	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.56	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	20	0.56	12.11	27.27
ALL OTHER SERVICE WORKERS	10	0.28	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,130	87.84	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	140	3.92	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	20	0.56	4.05	27.27

SIC 322 GLASS AND GLASSWARE, PRESSED OR BLOWN
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	100	2.80	5.31	45.45
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	20	0.56	9.92	36.36
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	220	6.17	7.16	45.45
MECHANICS, INSTALLERS, AND REPAIRERS	140	3.93	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	220	6.17	18.97	36.36
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	60	1.68	N.A.	N.A.
PRECISION WORKERS, NEC	60	1.68	N.A.	N.A.
PRECISION MOLDERS, SHAPERS, CASTERS, AND CARVERS, EXCEPT JEWLRY AND FOUNDRY	40	1.12	14.66	27.27
ALL OTHER PRECISION WORKERS, NEC	20	0.56	0.00	9.09
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,500	42.12	N.A.	N.A.
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	120	3.37	12.01	36.36
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	100	2.80	25.07	27.27
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	40	1.12	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	1,240	34.83	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	30	0.84	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	10	0.28	30.52	27.27
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	20	0.56	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	60	1.68	8.71	27.27
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	40	1.12	21.69	27.27
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	280	7.86	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	380	10.67	N.A.	N.A.

SIC 323 GLASS PRODUCTS, MADE OF PURCHASED GLASS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,640	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	90	5.51	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	10	0.61	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	1.84	26.93	42.86
GENERAL MANAGERS AND TOP EXECUTIVES	50	3.06	18.33	76.19
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	40	2.44	N.A.	N.A.
DESIGNERS, EXCEPT INTERIOR DESIGNERS	20	1.22	47.09	1[illegible]29
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	1.22	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	50	3.06	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	40	2.45	26.13	47.62
ALL OTHER SALES AND RELATED WORKERS	10	0.61	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	130	7.95	N.A.	N.A.
SECRETARIES	30	1.84	24.93	33.33
GENERAL OFFICE CLERKS	20	1.22	32.48	33.33
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	40	2.44	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	20	1.22	44.54	19.05
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	1.22	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	2.45	N.A.	N.A.
SERVICE OCCUPATIONS	10	0.61	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,320	80.90	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	50	3.06	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	50	3.06	15.56	47.62
MACHINERY MAINTENANCE MECHANICS	60	3.68	0.60	14.29
PRECISION METAL WORKERS	20	1.22	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	240	14.71	N.A.	N.A.
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	110	6.74	34.62	14.29

SIC 323 GLASS PRODUCTS,MADE OF PURCHASED GLASS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	40	2.45	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	90	5.52	N.A.	N.A.
OTHER HAND WORKERS, NEC	290	17.77	N.A.	N.A.
GLAZIERS, MANUFACTURING	70	4.29	46.95	23.81
CUTTERS AND TRIMMERS, HAND	50	3.06	17.40	38.10
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	100	6.13	17.79	23.81
ALL OTHER HAND WORKERS, NEC	70	4.29	N.A.	N.A.
MOTOR VEHICLE OPERATORS	50	3.06	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	30	1.84	8.01	19.05
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	20	1.22	12.35	23.81
MATERIAL MOVING EQUIPMENT OPERATORS	40	2.45	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	40	2.45	12.71	9.52
MACHINE FEEDERS AND OFFBEARERS	130	7.97	5.95	19.05
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	30	1.84	17.88	19.05
HAND PACKERS AND PACKAGERS	40	2.45	16.81	28.57
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	220	13.49	13.59	23.81
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	150	9.20	N.A.	N.A.

SIC 324 CEMENT, HYDRAULIC
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,360	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	90	3.80	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	30	1.27	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	1.27	13.95	71.43
GENERAL MANAGERS AND TOP EXECUTIVES	20	0.84	20.08	57.14
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.42	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	170	7.17	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	30	1.27	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	10	0.42	N.A.	N.A.
ENGINEERS	20	0.84	N.A.	N.A.
PHYSICAL SCIENTISTS	50	2.11	N.A.	N.A.
CHEMISTS, EXCEPT BIOCHEMISTS	50	2.11	26.26	28.57
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	40	1.69	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	40	1.69	18.27	42.86
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.84	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	50	2.11	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	30	1.27	44.16	14.29
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	20	0.84	41.51	14.29
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	170	7.16	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10	0.42	21.78	50.00
SECRETARIES	20	0.84	20.29	50.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	20	0.84	19.49	42.86
PAYROLL AND TIMEKEEPING CLERKS	10	0.42	7.63	50.00
BILLING, COST AND RATE CLERKS	10	0.42	23.31	28.57
GENERAL OFFICE CLERKS	10	0.42	13.71	28.57
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	60	2.53	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	10	0.42	29.06	35.71
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	20	0.84	29.79	21.43
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	1.27	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	1.27	N.A.	N.A.

SIC 324 CEMENT, HYDRAULIC
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SERVICE OCCUPATIONS	20	0.84	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	10	0.42	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	10	0.42	20.93	42.86
ALL OTHER SERVICE WORKERS	10	0.42	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,860	78.68	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	200	8.46	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	30	1.27	16.77	50.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	120	5.08	21.14	64.29
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	30	1.27	33.13	35.71
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	20	0.84	15.62	42.86
MACHINERY MAINTENANCE MECHANICS	60	2.54	33.92	28.57
MACHINERY MAINTENANCE WORKERS	50	2.11	42.07	21.43
MAINTENANCE REPAIRERS, GENERAL UTILITY	200	8.47	13.72	57.14
MOBILE HEAVY EQUIPMENT MECHANICS, EXCEPT ENGINES	10	0.42	34.48	14.29
PRECISION INSTRUMENT REPAIRERS	10	0.42	44.02	14.29
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	80	3.38	N.A.	N.A.
ELECTRICIANS	60	2.54	17.34	42.86
ALL OTHER CONSTRUCTION TRADES WORKERS	20	0.84	N.A.	N.A.
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	10	0.42	40.37	14.29
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	370	15.65	N.A.	N.A.
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	160	6.77	15.33	57.14
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	90	3.81	25.95	35.71
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	80	3.38	1.96	14.29
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	40	1.69	48.35	7.14
PLANT AND SYSTEM WORKERS	20	0.84	30.74	35.71
MOTOR VEHICLE OPERATORS	190	8.05	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	190	8.05	17.64	64.29
ALL OTHER TRANSPORTATION AND RELATED WORKERS	20	0.84	N.A.	N.A.

SIC 324 CEMENT, HYDRAULIC
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MATERIAL MOVING EQUIPMENT OPERATORS	280	11.84	N.A.	N.A.
HOIST AND WINCH OPERATORS	30	1.27	29.03	28.57
CRANE AND TOWER OPERATORS	20	0.84	36.51	21.43
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	70	2.96	25.69	64.29
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	160	6.77	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	20	0.84	30.84	14.29
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	280	11.86	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	60	2.54	N.A.	N.A.

SIC 326 POTTERY AND RELATED PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,290	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	80	3.44	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	1.29	9.59	47.06
GENERAL MANAGERS AND TOP EXECUTIVES	20	0.86	7.08	70.59
ALL OTHER MANAGERS AND ADMINISTRATORS	30	1.29	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	50	2.16	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	10	0.43	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	1.73	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	40	1.73	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	140	6.04	N.A.	N.A.
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	10	0.43	28.85	47.06
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	60	2.58	N.A.	N.A.
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	30	1.29	1.21	35.29
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	1.29	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	70	3.03	N.A.	N.A.
SERVICE OCCUPATIONS	10	0.43	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,970	85.15	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	90	3.89	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	20	0.86	0.00	5.88
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	70	3.03	5.08	52.94
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	120	5.19	0.00	35.29
MACHINERY MAINTENANCE MECHANICS	30	1.29	0.00	35.29
MAINTENANCE REPAIRERS, GENERAL UTILITY	20	0.86	0.00	29.41
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	10	0.43	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	30	1.29	N.A.	N.A.
BRICKMASONS	20	0.86	0.00	5.88

SIC 326 POTTERY AND RELATED PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER CONSTRUCTION TRADES WORKERS	10	0.43	N.A.	N.A.
PRECISION WORKERS, NEC	230	9.94	N.A.	N.A.
PRECISION MOLDERS, SHAPERS, CASTERS, AND CARVERS, EXCEPT JEWLRY AND FOUNDRY	200	8.65	4.00	35.29
ALL OTHER PRECISION WORKERS, NEC	30	1.29	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	140	6.05	N.A.	N.A.
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	40	1.73	0.00	11.76
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.86	0.00	11.76
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	10	0.43	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	70	3.03	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	300	12.96	N.A.	N.A.
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	100	4.32	4.20	52.94
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	40	1.73	5.19	47.06
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	60	2.59	0.00	11.76
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	20	0.86	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	80	3.46	N.A.	N.A.
OTHER HAND WORKERS, NEC	520	22.50	N.A.	N.A.
MOLDERS AND CASTERS, HAND	210	9.09	3.45	41.18
GRINDING AND POLISHING WORKERS, HAND	70	3.03	3.74	29.41
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	150	6.49	7.42	35.29
ALL OTHER HAND WORKERS, NEC	90	3.89	N.A.	N.A.
MOTOR VEHICLE OPERATORS	20	0.86	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	20	0.86	6.99	23.53
MATERIAL MOVING EQUIPMENT OPERATORS	80	3.46	N.A.	N.A.
CONVEYOR OPERATORS AND TENDERS	40	1.73	0.00	5.88
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	40	1.73	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	50	2.16	0.00	29.41
HAND PACKERS AND PACKAGERS	120	5.19	0.23	35.29
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	190	8.22	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.86	N.A.	N.A.

SIC 327 CONCRETE, GYPSUM, AND PLASTER PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	22,360	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,150	5.09	N.A.	N.A.
FINANCIAL MANAGERS	100	0.44	32.90	31.71
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	30	0.13	46.25	14.63
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	120	0.53	28.29	24.39
ALL OTHER ADMINISTRATIVE MANAGERS	30	0.13	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	320	1.42	26.29	48.78
GENERAL MANAGERS AND TOP EXECUTIVES	430	1.91	21.37	78.05
ALL OTHER MANAGERS AND ADMINISTRATORS	120	0.53	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	400	1.72	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	80	0.35	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	60	0.26	29.30	24.39
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.08	48.85	12.20
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.08	N.A.	N.A.
ENGINEERS	70	0.30	N.A.	N.A.
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	30	0.13	43.18	9.76
ALL OTHER ENGINEERS	40	0.17	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	60	0.26	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	10	0.04	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	80	0.35	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	830	3.70	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	560	2.50	18.35	53.66
ALL OTHER SALES AND RELATED WORKERS	270	1.20	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,230	9.90	N.A.	N.A.
ADJUSTMENT CLERKS	20	0.08	48.94	7.32
SECRETARIES	240	1.07	28.14	51.22
RECEPTIONISTS AND INFORMATION CLERKS	70	0.31	32.39	34.15
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	170	0.75	28.66	39.02
PAYROLL AND TIMEKEEPING CLERKS	70	0.31	30.12	29.27
BILLING, COST AND RATE CLERKS	70	0.31	47.39	21.95
GENERAL OFFICE CLERKS	280	1.25	32.39	39.02
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	50	0.22	N.A.	N.A.
SWITCHBOARD OPERATORS	30	0.13	49.82	17.07

SIC 327 CONCRETE, GYPSUM, AND PLASTER PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,130	5.03	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	880	3.92	13.42	70.73
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	250	1.11	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	100	0.44	N.A.	N.A.
SERVICE OCCUPATIONS	110	0.48	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	60	0.26	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	60	0.26	38.65	21.95
ALL OTHER SERVICE WORKERS	50	0.22	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	17,640	78.65	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	670	2.98	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	110	0.49	34.27	26.83
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	420	1.87	31.18	53.66
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	140	0.62	32.68	29.27
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	130	0.58	32.03	26.83
MACHINERY MAINTENANCE MECHANICS	380	1.69	28.13	31.71
MAINTENANCE REPAIRERS, GENERAL UTILITY	190	0.84	40.50	26.83
AUTOMOTIVE MECHANICS	190	0.84	40.11	17.07
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	590	2.63	23.40	39.02
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	160	0.71	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	710	3.16	N.A.	N.A.
ELECTRICIANS	80	0.35	43.37	12.20
ALL OTHER CONSTRUCTION TRADES WORKERS	630	2.81	N.A.	N.A.
PRECISION WORKERS, NEC	70	0.31	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,330	5.93	N.A.	N.A.
OTHER HAND WORKERS, NEC	620	2.76	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	9,800	43.75	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	1,210	5.38	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	720	3.21	30.89	39.02

SIC 327   CONCRETE, GYPSUM, AND PLASTER PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CONVEYOR OPERATORS AND TENDERS	150	0.66	44.39	19.51
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	340	1.51	N.A.	N.A.
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	1,150	5.13	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	440	1.96	N.A.	N.A.

SIC 328 CUT STONE AND STONE PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,050	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	80	7.46	N.A.	N.A.
GENERAL MANAGERS AND TOP EXECUTIVES	40	3.73	18.12	64.71
ALL OTHER MANAGERS AND ADMINISTRATORS	40	3.73	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	40	3.72	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	1.86	N.A.	N.A.
DRAFTERS	20	1.86	21.38	23.53
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	1.86	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	10	0.93	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	70	6.53	N.A.	N.A.
SECRETARIES	30	2.80	18.44	64.71
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	10	0.93	40.04	29.41
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	2.80	N.A.	N.A.
SERVICE OCCUPATIONS	30	2.80	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	820	76.56	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	20	1.86	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	20	1.86	39.98	35.29
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	60	5.60	N.A.	N.A.
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	60	5.60	0.00	11.76
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	100	9.33	N.A.	N.A.
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	40	3.73	45.09	29.41
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	50	4.67	27.49	52.94
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	10	0.93	N.A.	N.A.
OTHER HAND WORKERS, NEC	210	19.61	N.A.	N.A.
GRINDING AND POLISHING WORKERS, HAND	60	5.60	28.17	41.18
ALL OTHER HAND WORKERS, NEC	150	14.01	N.A.	N.A.
MOTOR VEHICLE OPERATORS	30	2.80	N.A.	N.A.

SIC 328 CUT STONE AND STONE PRODUCTS
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	30	2.80	42.18	23.53
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	40	3.73	15.13	11.76
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	300	28.03	N.A.	N.A.

SIC 329 ABRASIVE, ASBESTOS, MISC NONMTL MINERL
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	8,960	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	500	5.55	N.A.	N.A.
FINANCIAL MANAGERS	40	0.44	41.82	40.74
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.22	26.32	33.33
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.22	28.70	11.11
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	20	0.22	15.94	25.93
ALL OTHER ADMINISTRATIVE MANAGERS	10	0.11	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	180	2.00	28.28	70.37
GENERAL MANAGERS AND TOP EXECUTIVES	200	2.23	18.49	74.07
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.11	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	260	2.86	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.22	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	30	0.33	16.97	33.33
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.22	N.A.	N.A.
ENGINEERS	100	1.10	N.A.	N.A.
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	20	0.22	16.19	22.22
MECHANICAL ENGINEERS	40	0.44	44.30	25.93
ALL OTHER ENGINEERS	40	0.44	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	60	0.66	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	20	0.22	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	10	0.11	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	200	2.21	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	30	0.33	23.53	14.81
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	50	0.55	22.06	3.70
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	120	1.33	49.07	33.33
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,020	11.32	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.22	29.36	18.52
ADJUSTMENT CLERKS	20	0.22	36.66	14.81
SECRETARIES	160	1.78	22.85	59.26
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	10	0.11	36.06	18.52
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	20	0.22	35.19	14.81

SIC 329 ABRASIVE, ASBESTOS, MISC NONMTL MINERL
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	230	2.56	32.52	55.56
PAYROLL AND TIMEKEEPING CLERKS	20	0.22	27.11	29.63
BILLING, COST AND RATE CLERKS	20	0.22	38.56	25.93
GENERAL OFFICE CLERKS	180	2.00	26.45	40.74
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.22	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	290	3.22	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	40	0.44	46.29	22.22
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	170	1.89	13.69	51.85
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	80	0.89	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	0.33	N.A.	N.A.
SERVICE OCCUPATIONS	70	0.77	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	50	0.55	N.A.	N.A.
ALL OTHER SERVICE WORKERS	20	0.22	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	6,910	76.94	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	520	5.78	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	20	0.22	47.95	14.81
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	410	4.57	18.66	66.67
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	30	0.33	7.00	11.11
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	60	0.66	39.05	22.22
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	230	2.56	49.60	33.33
MACHINERY MAINTENANCE MECHANICS	270	3.01	12.22	40.74
MACHINERY MAINTENANCE WORKERS	10	0.11	42.96	11.11
MAINTENANCE REPAIRERS, GENERAL UTILITY	160	1.78	25.58	33.33
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	40	0.44	24.82	11.11
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	20	0.22	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	100	1.10	N.A.	N.A.
ELECTRICIANS	50	0.55	21.11	18.52

SIC 329 ABRASIVE, ASBESTOS, MISC NONMTL MINERL
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER CONSTRUCTION TRADES WORKERS	50	0.55	N.A.	N.A.
PRECISION METAL WORKERS	280	3.11	N.A.	N.A.
TOOL AND DIE MAKERS	30	0.33	41.50	14.81
MACHINISTS	170	1.89	48.34	33.33
ALL OTHER PRECISION METAL WORKERS	80	0.89	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	230	2.56	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	2,490	27.76	N.A.	N.A.
EXTRUDING AND FORMING MACHINE OPERATORS AND TENDERS, SYNTHETIC OR GLASS FIBERS	90	1.00	23.80	3.70
FURNACE, KILN, OVEN, DRIER, OR KETTLE OPERATORS & TENDERS	350	3.90	26.23	29.63
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	460	5.13	36.46	37.04
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	560	6.25	38.09	25.93
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	510	5.69	21.94	25.93
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	220	2.45	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	300	3.34	N.A.	N.A.
OTHER HAND WORKERS, NEC	590	6.57	N.A.	N.A.
CUTTERS AND TRIMMERS, HAND	90	1.00	38.53	11.11
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	420	4.68	35.57	22.22
ALL OTHER HAND WORKERS, NEC	80	0.89	N.A.	N.A.
MOTOR VEHICLE OPERATORS	180	2.00	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	160	1.78	27.66	33.33
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	20	0.22	38.89	14.81
MATERIAL MOVING EQUIPMENT OPERATORS	260	2.89	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	120	1.33	22.31	25.93
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	140	1.56	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	40	0.44	26.63	3.70
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	270	3.01	13.85	29.63
HAND PACKERS AND PACKAGERS	100	1.11	30.29	14.81
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	890	9.93	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	230	2.56	N.A.	N.A.

SIC 33 PRIMARY METAL INDUSTRIES
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	28,670	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,730	5.99	N.A.	N.A.
FINANCIAL MANAGERS	160	0.55	13.93	50.44
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	90	0.31	13.91	30.97
PURCHASING MANAGERS	50	0.17	11.00	25.66
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	90	0.31	15.81	24.78
ADMINISTRATIVE SERVICES MANAGERS	30	0.10	27.43	10.62
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	120	0.41	10.90	26.55
INDUSTRIAL PRODUCTION MANAGERS	410	1.43	14.42	59.29
GENERAL MANAGERS AND TOP EXECUTIVES	480	1.67	6.53	78.76
ALL OTHER MANAGERS AND ADMINISTRATORS	300	1.04	6.19	15.04
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,620	5.49	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	210	0.72	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	190	0.66	14.35	29.20
ALL OTHER FINANCIAL SPECIALISTS	20	0.06	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	120	0.41	9.28	34.51
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	60	0.20	13.21	16.81
COST ESTIMATORS	60	0.20	21.21	13.27
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.13	15.51	8.85
ENGINEERS	400	1.36	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	100	0.34	11.59	23.01
ELECTRICAL AND ELECTRONIC ENGINEERS	60	0.20	11.82	14.16
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	90	0.31	7.29	20.35
MECHANICAL ENGINEERS	120	0.41	6.27	27.43
ALL OTHER ENGINEERS	30	0.10	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	230	0.77	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	60	0.20	23.26	12.39
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	40	0.13	7.83	8.85
DRAFTERS	90	0.31	10.72	23.89
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	0.13	N.A.	N.A.
PHYSICAL SCIENTISTS	90	0.31	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	130	0.44	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	100	0.34	13.84	15.04
ALL OTHER PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	30	0.10	23.92	3.54

SIC 33   PRIMARY METAL INDUSTRIES
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
COMPUTER SCIENTISTS AND RELATED WORKERS	170	0.58	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	70	0.24	16.70	12.39
COMPUTER PROGRAMMERS	70	0.24	11.17	18.58
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	30	0.10	N.A.	N.A.
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	50	0.17	10.85	15.04
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	60	0.20	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	470	1.60	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	80	0.27	12.36	21.24
SALES ENGINEERS	20	0.06	40.98	3.54
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	100	0.34	20.12	15.93
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	150	0.52	14.19	25.66
ALL OTHER SALES AND RELATED WORKERS	120	0.41	14.94	20.35
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,210	7.55	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	180	0.62	11.15	32.74
ADJUSTMENT CLERKS	40	0.13	22.28	9.73
SECRETARIES	350	1.22	10.52	48.67
STENOGRAPHERS	10	0.03	13.63	3.54
RECEPTIONISTS AND INFORMATION CLERKS	40	0.13	17.71	18.58
TYPISTS	40	0.13	28.77	12.39
TYPISTS, WORD PROCESSING EQUIPMENT	20	0.06	24.24	6.19
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	60	0.20	16.72	21.24
FILE CLERKS	10	0.03	26.83	5.31
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	20	0.06	34.66	6.19
PROCUREMENT CLERKS	50	0.17	10.59	17.70
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	200	0.69	9.29	49.56
PAYROLL AND TIMEKEEPING CLERKS	90	0.31	10.93	30.97
BILLING, COST AND RATE CLERKS	40	0.13	19.10	19.47
GENERAL OFFICE CLERKS	210	0.73	8.91	41.59
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	90	0.30	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	50	0.17	9.66	16.81
ALL OTHER OFFICE MACHINE OPERATORS	40	0.13	N.A.	N.A.

SIC 33 PRIMARY METAL INDUSTRIES
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SWITCHBOARD OPERATORS	40	0.13	11.34	23.01
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	690	2.38	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	130	0.45	10.26	29.20
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	60	0.20	15.30	11.50
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	140	0.48	9.19	24.78
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	270	0.94	13.17	38.05
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	90	0.31	8.71	7.08
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	0.10	N.A.	N.A.
SERVICE OCCUPATIONS	520	1.79	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	20	0.06	11.69	10.62
GUARDS AND WATCH GUARDS	210	0.73	9.25	23.01
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	230	0.80	N.A.	N.A.
ALL OTHER SERVICE WORKERS	60	0.20	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	22,120	76.62	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	2,020	7.02	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	320	1.11	9.18	31.86
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	120	0.41	25.19	6.19
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	1,180	4.11	6.69	65.49
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	210	0.73	16.39	19.47
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	190	0.66	10.65	20.35
PRECISION INSPECTORS, TESTERS, AND GRADERS	320	1.11	12.75	20.35
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	570	1.98	6.18	39.82
MACHINERY MAINTENANCE MECHANICS	890	3.10	6.48	37.17
MILLWRIGHTS	380	1.32	18.45	6.19
REFRACTORY MATERIALS REPAIRERS, EXCEPT BRICK MASONS	130	0.45	20.96	9.73
MACHINERY MAINTENANCE WORKERS	190	0.66	5.02	15.04

SIC 33 PRIMARY METAL INDUSTRIES
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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MAINTENANCE REPAIRERS, GENERAL UTILITY	570	1.98	8.33	46.02
AUTOMOTIVE MECHANICS	110	0.38	9.71	10.62
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	60	0.20	37.48	6.19
PRECISION INSTRUMENT REPAIRERS	140	0.48	8.23	6.19
RIGGERS	30	0.10	40.24	2.65
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	100	0.34	23.62	7.96
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	800	2.76	N.A.	N.A.
CARPENTERS	60	0.20	9.72	9.73
ELECTRICIANS	510	1.77	10.04	24.78
BRICKMASONS	70	0.24	15.84	7.08
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	30	0.10	7.17	7.08
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	130	0.45	7.92	7.96
PRECISION METAL WORKERS	960	3.30	N.A.	N.A.
TOOL AND DIE MAKERS	100	0.34	19.11	15.93
MACHINISTS	390	1.36	8.19	31.86
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	100	0.34	24.99	9.73
PATTERN AND MODEL MAKERS, METAL	60	0.20	20.89	8.85
PRECISION LAYOUT WORKERS, METAL	80	0.27	22.30	7.96
BOILERMAKERS	70	0.24	34.67	1.77
ALL OTHER PRECISION METAL WORKERS	160	0.55	N.A.	N.A.
PRECISION WOODWORKERS	110	0.38	N.A.	N.A.
PATTERN AND MODEL MAKERS, WOOD	110	0.38	10.76	11.50
PRECISION WORKERS, NEC	760	2.64	N.A.	N.A.
PRECISION FOUNDRY MOLD AND CORE MAKERS	700	2.44	11.71	26.55
ALL OTHER PRECISION WORKERS, NEC	60	0.20	14.86	3.54
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	5,130	17.79	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	170	0.59	17.78	15.04
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	60	0.20	26.60	9.73
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	170	0.59	7.87	5.31
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.06	47.88	1.77
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	260	0.90	33.28	7.96
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	190	0.66	18.68	15.04
PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	60	0.20	26.89	4.42

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	310	1.08	32.68	7.96
SHEAR AND SLITTER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	70	0.24	32.96	6.19
EXTRUDING AND DRAWING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	660	2.30	12.88	16.81
ROLLING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	100	0.34	21.39	8.85
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	230	0.80	23.50	9.73
WELDING MACHINE SETTERS AND SET-UP OPERATORS	60	0.20	30.38	6.19
WELDING MACHINE OPERATORS AND TENDERS	30	0.10	37.53	3.54
METAL MOLDING, COREMAKING, & CASTING MACHINE SETTERS AND SET-UP OPERATORS	410	1.43	14.00	17.70
METAL MOLDING, COREMAKING, AND CASTING MACHINE OPERATORS AND TENDERS	160	0.55	17.12	9.73
FOUNDRY MOLD ASSEMBLY AND SHAKEOUT WORKERS	440	1.53	13.27	23.01
ELECTROLYTIC PLATING AND COATING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	30	0.10	9.29	4.42
HEAT TREATING, ANNEALING, AND TEMPERING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	280	0.97	20.59	25.66
FURNACE OPERATORS AND TENDERS	620	2.16	8.30	45.13
HEATERS, METAL AND PLASTIC	90	0.31	21.17	6.19
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	400	1.39	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	410	1.43	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,230	4.22	N.A.	N.A.
BOILER OPERATORS AND TENDERS, LOW PRESSURE	80	0.27	10.28	4.42
COATING, PAINTING, & SPRAYING MACHINE SETTERS & SET-UP OPERATORS	80	0.27	38.97	2.65
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	20	0.06	28.21	3.54
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	60	0.20	8.30	5.31
SEPARATING, FILTERING, CLARIFYING, PRECIPITATING, AND STILL MACHINE OPERATORS AND TENDERS	60	0.20	28.19	3.54
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	160	0.55	15.43	12.39
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	110	0.38	14.34	5.31
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	[illegible]	0.52	28.37	3.54
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	510	1.77	14.45	10.62

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
OTHER HAND WORKERS, NEC	2,450	8.52	N.A.	N.A.
WELDERS AND CUTTERS	540	1.88	13.94	30.97
METAL POURERS AND CASTERS, BASIC SHAPES	540	1.88	10.87	34.51
GRINDING AND POLISHING WORKERS, HAND	770	2.68	9.57	26.55
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	500	1.74	15.72	18.58
ALL OTHER HAND WORKERS, NEC	100	0.34	N.A.	N.A.
PLANT AND SYSTEM WORKERS	160	0.54	N.A.	N.A.
POWER DISTRIBUTORS AND DISPATCHERS	60	0.20	8.27	5.31
ALL OTHER PLANT AND SYSTEM OPERATORS	100	0.34	N.A.	N.A.
MOTOR VEHICLE OPERATORS	590	2.05	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	460	1.60	14.36	30.97
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	130	0.45	7.95	23.01
RAIL YARD ENGINEERS, DINKEY OPERATORS, AND HOSTLERS	80	0.27	20.94	6.19
RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS	40	0.13	27.65	5.31
ALL OTHER TRANSPORTATION AND RELATED WORKERS	30	0.10	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	1,810	6.27	N.A.	N.A.
GRADER, DOZER, AND SCRAPER OPERATORS	70	0.24	13.90	5.31
HOIST AND WINCH OPERATORS	40	0.13	13.54	4.42
CRANE AND TOWER OPERATORS	720	2.51	11.35	19.47
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	590	2.05	7.79	33.63
CONVEYOR OPERATORS AND TENDERS	270	0.94	5.88	7.96
PUMP OPERATORS	40	0.13	28.41	3.54
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	80	0.27	23.79	5.31
HELPERS, MECHANIC AND REPAIRER	70	0.24	18.20	10.62
CONSTRUCTION TRADES AND EXTRACTIVE WORKER HELPERS	40	0.13	18.29	3.54
MACHINE FEEDERS AND OFFBEARERS	150	0.52	15.27	8.85
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	460	1.60	6.57	18.58
HAND PACKERS AND PACKAGERS	240	0.83	20.02	9.73
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,390	4.84	10.77	28.32
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.03	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	8,280	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	430	5.18	N.A.	N.A.
FINANCIAL MANAGERS	60	0.72	34.98	52.38
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	40	0.48	27.06	42.86
PURCHASING MANAGERS	20	0.24	25.40	42.86
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	40	0.48	29.15	33.33
ADMINISTRATIVE SERVICES MANAGERS	20	0.24	26.76	28.57
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	30	0.36	28.34	28.57
INDUSTRIAL PRODUCTION MANAGERS	70	0.85	18.65	57.14
GENERAL MANAGERS AND TOP EXECUTIVES	110	1.33	18.75	71.43
ALL OTHER MANAGERS AND ADMINISTRATORS	40	0.48	31.05	23.81
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	550	6.61	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	100	1.21	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	50	0.60	14.38	57.14
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.24	27.53	28.57
COST ESTIMATORS	20	0.24	48.94	9.52
ALL OTHER MANAGEMENT SUPPORT WORKERS	10	0.12	31.37	14.29
ENGINEERS	120	1.44	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	30	0.36	30.06	28.57
ELECTRICAL AND ELECTRONIC ENGINEERS	30	0.36	24.59	33.33
MECHANICAL ENGINEERS	30	0.36	16.52	42.86
ALL OTHER ENGINEERS	30	0.36	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	90	1.08	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	40	0.48	33.52	23.81
DRAFTERS	30	0.36	28.23	23.81
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	0.24	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	30	0.36	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	70	0.84	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	40	0.48	31.24	28.57
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	30	0.36	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	0.48	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	130	1.56	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	10	0.12	33.07	23.81
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	60	0.72	26.52	38.10
ALL OTHER SALES AND RELATED WORKERS	60	0.72	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	780	9.40	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	80	0.97	22.69	38.10
SECRETARIES	160	1.94	19.88	57.14
RECEPTIONISTS AND INFORMATION CLERKS	20	0.24	29.77	28.57
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	30	0.36	36.83	28.57
PROCUREMENT CLERKS	20	0.24	21.76	28.57
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	60	0.72	17.17	52.38
PAYROLL AND TIMEKEEPING CLERKS	30	0.36	26.57	42.86
BILLING, COST AND RATE CLERKS	20	0.24	45.16	23.81
GENERAL OFFICE CLERKS	50	0.60	16.11	61.90
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	30	0.36	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	20	0.24	19.51	28.57
ALL OTHER OFFICE MACHINE OPERATORS	10	0.12	N.A.	N.A.
SWITCHBOARD OPERATORS	10	0.12	22.02	33.33
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	220	2.65	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	30	0.36	29.00	33.33
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	60	0.72	19.80	38.10
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	100	1.21	27.52	66.67
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	0.36	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	0.60	N.A.	N.A.
SERVICE OCCUPATIONS	110	1.32	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	10	0.12	16.97	23.81
GUARDS AND WATCH GUARDS	40	0.48	31.87	19.05
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	50	0.60	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.12	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	6,280	76.11	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	690	8.37	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	120	1.45	16.18	33.33
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	440	5.35	14.45	80.95
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	90	1.09	23.88	38.10
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	40	0.48	25.57	33.33
PRECISION INSPECTORS, TESTERS, AND GRADERS	100	1.21	31.83	14.29
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	120	1.45	17.52	42.86
MACHINERY MAINTENANCE MECHANICS	190	2.31	25.26	42.86
MILLWRIGHTS	300	3.64	22.96	19.05
REFRACTORY MATERIALS REPAIRERS, EXCEPT BRICK MASONS	90	1.09	29.05	28.57
MACHINERY MAINTENANCE WORKERS	20	0.24	35.51	19.05
MAINTENANCE REPAIRERS, GENERAL UTILITY	140	1.70	24.14	47.62
BUS AND TRUCK MECHANICS, AND DIESEL ENGINE SPECIALISTS	50	0.60	46.85	14.29
RIGGERS	30	0.36	41.37	9.52
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	100	1.21	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	250	3.04	N.A.	N.A.
ELECTRICIANS	250	3.04	19.29	47.62
PRECISION METAL WORKERS	290	3.51	N.A.	N.A.
MACHINISTS	80	0.97	18.49	47.62
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	40	0.48	33.82	19.05
ALL OTHER PRECISION METAL WORKERS	170	2.06	N.A.	N.A.
PRECISION WORKERS, NEC	10	0.12	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	1,370	16.60	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	70	0.85	33.83	23.81
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	80	0.97	30.01	28.57
PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	20	0.24	49.60	9.52
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	230	2.79	42.89	19.05
SHEAR AND SLITTER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	60	0.72	37.04	23.81
EXTRUDING AND DRAWING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	40	0.48	29.15	19.05

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ROLLING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	70	0.85	24.05	28.57
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	80	0.97	25.93	28.57
METAL MOLDING, COREMAKING, & CASTING MACHINE SETTERS AND SET-UP OPERATORS	20	0.24	37.47	14.29
HEAT TREATING, ANNEALING, AND TEMPERING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	30	0.36	25.03	28.57
FURNACE OPERATORS AND TENDERS	170	2.06	18.93	28.57
HEATERS, METAL AND PLASTIC	90	1.09	22.61	23.81
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	220	2.67	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	260	3.16	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	310	3.75	N.A.	N.A.
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	30	0.36	36.74	9.52
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	120	1.45	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	160	1.94	N.A.	N.A.
OTHER HAND WORKERS, NEC	540	6.54	N.A.	N.A.
WELDERS AND CUTTERS	240	2.91	24.63	57.14
METAL POURERS AND CASTERS, BASIC SHAPES	200	2.43	25.65	28.57
GRINDING AND POLISHING WORKERS, HAND	60	0.72	28.28	19.05
ALL OTHER HAND WORKERS, NEC	40	0.48	N.A.	N.A.
PLANT AND SYSTEM WORKERS	20	0.24	N.A.	N.A.
MOTOR VEHICLE OPERATORS	140	1.70	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	140	1.70	44.95	38.10
RAIL YARD ENGINEERS, DINKEY OPERATORS, AND HOSTLERS	50	0.60	32.03	19.05
RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS	20	0.24	42.71	14.29
ALL OTHER TRANSPORTATION AND RELATED WORKERS	20	0.24	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	720	8.74	N.A.	N.A.
CRANE AND TOWER OPERATORS	400	4.86	20.14	38.10
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	230	2.79	14.91	66.67
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	90	1.09	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	10	0.12	45.21	14.29
CONSTRUCTION TRADES AND EXTRACTIVE WORKER HELPERS	30	0.36	25.72	14.29
MACHINE FEEDERS AND OFFBEARERS	30	0.36	37.79	14.29
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	80	0.97	29.32	23.81
HAND PACKERS AND PACKAGERS	20	0.24	39.14	14.29
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	380	4.62	15.66	33.33
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	90	1.09	N.A.	N.A.

SIC 332 IRON AND STEEL FOUNDRIES
REFERENCE DATE : APRIL 12, 1966

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	8,090	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	500	6.15	N.A.	N.A.
FINANCIAL MANAGERS	40	0.49	10.87	62.50
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	10	0.12	19.16	33.33
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.24	18.47	37.50
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	20	0.24	21.02	25.00
ALL OTHER ADMINISTRATIVE MANAGERS	10	0.12	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	70	0.86	20.15	62.50
GENERAL MANAGERS AND TOP EXECUTIVES	120	1.48	10.15	75.00
ALL OTHER MANAGERS AND ADMINISTRATORS	210	2.60	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	340	4.16	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	30	0.37	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	20	0.24	19.21	41.67
COST ESTIMATORS	10	0.12	25.15	29.17
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.24	N.A.	N.A.
ENGINEERS	110	1.35	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	30	0.37	19.16	45.83
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	50	0.61	8.17	25.00
ALL OTHER ENGINEERS	30	0.37	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	50	0.61	N.A.	N.A.
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	30	0.37	4.94	20.83
DRAFTERS	10	0.12	0.00	16.67
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	10	0.12	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	30	0.37	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	40	0.49	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.37	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	130	1.59	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	30	0.37	13.40	45.83
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	20	0.24	10.25	12.50
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	40	0.49	16.65	37.50
ALL OTHER SALES AND RELATED WORKERS	40	0.49	N.A.	N.A.

SIC 332 IRON AND STEEL FOUNDRIES
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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	540	6.59	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	30	0.37	16.82	37.50
SECRETARIES	60	0.74	7.79	50.00
TYPISTS	10	0.12	24.45	25.00
PROCUREMENT CLERKS	20	0.24	16.34	25.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	50	0.61	20.97	54.17
PAYROLL AND TIMEKEEPING CLERKS	20	0.24	15.91	41.67
BILLING, COST AND RATE CLERKS	10	0.12	26.81	33.33
GENERAL OFFICE CLERKS	50	0.61	15.52	29.17
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	40	0.48	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	20	0.24	8.84	20.83
ALL OTHER OFFICE MACHINE OPERATORS	20	0.24	N.A.	N.A.
SWITCHBOARD OPERATORS	20	0.24	20.31	29.17
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	190	2.33	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	40	0.49	20.47	41.67
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	40	0.49	14.55	37.50
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	50	0.61	15.07	41.67
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	60	0.74	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	0.49	N.A.	N.A.
SERVICE OCCUPATIONS	140	1.72	N.A.	N.A.
GUARDS AND WATCH GUARDS	60	0.74	14.37	29.17
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	60	0.74	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	60	0.74	6.70	50.00
ALL OTHER SERVICE WORKERS	20	0.24	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	6,440	79.54	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	410	5.07	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	90	1.11	23.43	50.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	30	0.37	0.00	4.17
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	230	2.85	7.52	66.67

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	60	0.74	8.96	25.00
PRECISION INSPECTORS, TESTERS, AND GRADERS	90	1.11	7.87	33.33
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	250	3.09	5.51	58.33
MACHINERY MAINTENANCE MECHANICS	250	3.09	2.66	33.33
MILLWRIGHTS	80	0.99	7.80	12.50
REFRACTORY MATERIALS REPAIRERS, EXCEPT BRICK MASONS	30	0.37	7.38	12.50
MACHINERY MAINTENANCE WORKERS	10	0.12	28.40	20.83
MAINTENANCE REPAIRERS, GENERAL UTILITY	200	2.47	12.17	58.33
AUTOMOTIVE MECHANICS	50	0.61	5.50	8.33
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	40	0.49	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	90	1.11	N.A.	N.A.
ELECTRICIANS	90	1.11	10.20	29.17
PRECISION METAL WORKERS	270	3.33	N.A.	N.A.
MACHINISTS	130	1.61	12.81	37.50
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	40	0.49	7.50	16.67
PATTERN AND MODEL MAKERS, METAL	60	0.74	23.06	29.17
ALL OTHER PRECISION METAL WORKERS	40	0.49	N.A.	N.A.
PRECISION WOODWORKERS	100	1.23	N.A.	N.A.
PATTERN AND MODEL MAKERS, WOOD	100	1.23	11.03	41.67
PRECISION WORKERS, NEC	570	7.05	N.A.	N.A.
PRECISION FOUNDRY MOLD AND CORE MAKERS	520	6.44	13.64	62.50
ALL OTHER PRECISION WORKERS, NEC	50	0.61	14.61	8.33
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	1,660	20.52	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	40	0.49	34.96	20.83
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	30	0.37	34.14	20.83
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	150	1.85	7.45	12.50
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	230	2.85	36.89	25.00
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	80	0.99	27.71	29.17
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	90	1.11	43.87	12.50
WELDING MACHINE SETTERS AND SET-UP OPERATORS	20	0.24	39.92	16.67
METAL MOLDING, COREMAKING, & CASTING MACHINE SETTERS AND SET-UP OPERATORS	230	2.85	17.86	29.17

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
METAL MOLDING, COREMAKING, AND CASTING MACHINE OPERATORS AND TENDERS	60	0.74	25.07	16.67
FOUNDRY MOLD ASSEMBLY AND SHAKEOUT WORKERS	320	3.96	15.91	70.83
HEAT TREATING, ANNEALING, AND TEMPERING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	60	0.74	38.29	29.17
FURNACE OPERATORS AND TENDERS	240	2.97	8.06	87.50
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	30	0.37	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	80	0.99	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	260	3.20	N.A.	N.A.
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	40	0.49	3.58	12.50
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	50	0.61	29.60	25.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	60	0.74	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	110	1.36	N.A.	N.A.
OTHER HAND WORKERS, NEC	1,040	12.86	N.A.	N.A.
WELDERS AND CUTTERS	150	1.85	28.41	50.00
METAL POURERS AND CASTERS, BASIC SHAPES	190	2.35	10.36	66.67
GRINDING AND POLISHING WORKERS, HAND	490	6.07	12.38	50.00
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	150	1.85	20.80	29.17
ALL OTHER HAND WORKERS, NEC	60	0.74	N.A.	N.A.
PLANT AND SYSTEM WORKERS	20	0.24	N.A.	N.A.
MOTOR VEHICLE OPERATORS	200	2.46	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	170	2.10	3.90	41.67
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	10	0.12	17.74	25.00
ALL OTHER MOTOR VEHICLE OPERATORS	20	0.24	0.00	8.33
MATERIAL MOVING EQUIPMENT OPERATORS	280	3.46	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	140	1.73	7.21	37.50
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	140	1.73	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	20	0.24	41.28	16.67
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	320	3.96	4.56	33.33
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	140	1.73	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	60	0.74	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	5,110	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	270	5.25	N.A.	N.A.
FINANCIAL MANAGERS	20	0.39	17.27	87.50
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.39	19.65	75.00
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	30	0.58	20.64	62.50
ALL OTHER ADMINISTRATIVE MANAGERS	10	0.19	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	120	2.34	44.68	87.50
GENERAL MANAGERS AND TOP EXECUTIVES	50	0.97	23.11	N.A.
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.39	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	400	7.79	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	50	0.97	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	20	0.39	12.24	50.00
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.39	N.A.	N.A.
ENGINEERS	120	2.34	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	40	0.78	14.96	62.50
MECHANICAL ENGINEERS	40	0.78	3.55	62.50
ALL OTHER ENGINEERS	40	0.78	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	0.39	N.A.	N.A.
PHYSICAL SCIENTISTS	50	0.97	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	60	1.17	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	40	0.78	20.82	50.00
ALL OTHER PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	20	0.39	35.02	25.00
COMPUTER SCIENTISTS AND RELATED WORKERS	40	0.78	N.A.	N.A.
COMPUTER PROGRAMMERS	20	0.39	12.32	62.50
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	20	0.39	N.A.	N.A.
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	20	0.39	16.42	62.50
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	320	6.21	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.39	5.87	50.00
SECRETARIES	40	0.78	6.13	N.A.
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	10	0.19	13.57	62.50

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	30	0.58	7.49	75.00
PAYROLL AND TIMEKEEPING CLERKS	30	0.58	17.57	75.00
GENERAL OFFICE CLERKS	30	0.58	18.15	62.50
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	100	1.94	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	20	0.39	19.60	37.50
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	30	0.58	12.68	50.00
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	30	0.58	6.60	62.50
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.39	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	1.17	N.A.	N.A.
SERVICE OCCUPATIONS	170	3.31	N.A.	N.A.
GUARDS AND WATCH GUARDS	70	1.36	11.23	75.00
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	60	1.17	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	60	1.17	6.12	62.50
ALL OTHER SERVICE WORKERS	40	0.78	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,950	77.05	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	400	7.80	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	90	1.76	6.39	62.50
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	30	0.58	28.12	50.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	220	4.30	15.73	62.50
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	30	0.58	27.23	50.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	30	0.58	33.94	37.50
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	50	0.97	24.56	50.00
MACHINERY MAINTENANCE MECHANICS	320	6.26	8.50	87.50
MACHINERY MAINTENANCE WORKERS	160	3.13	3.33	75.00
MAINTENANCE REPAIRERS, GENERAL UTILITY	40	0.78	23.99	62.50
AUTOMOTIVE MECHANICS	40	0.78	13.37	62.50
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	130	2.54	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	330	6.43	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CARPENTERS	30	0.58	12.63	75.00
ELECTRICIANS	120	2.34	6.03	62.50
BRICKMASONS	50	0.97	16.65	62.50
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	20	0.39	7.73	62.50
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	110	2.15	4.85	62.50
PRECISION METAL WORKERS	190	3.71	N.A.	N.A.
PRECISION WORKERS, NEC	10	0.19	N.A.	N.A.
PRECISION FOUNDRY MOLD AND CORE MAKERS	10	0.19	33.43	25.00
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	320	6.23	N.A.	N.A.
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.39	42.87	37.50
PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	30	0.58	34.14	25.00
METAL MOLDING, COREMAKING, AND CASTING MACHINE OPERATORS AND TENDERS	20	0.39	0.00	12.50
FURNACE OPERATORS AND TENDERS	70	1.36	19.34	50.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	140	2.73	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	40	0.78	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	400	7.81	N.A.	N.A.
BOILER OPERATORS AND TENDERS, LOW PRESSURE	70	1.36	9.90	37.50
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	80	1.56	17.57	50.00
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	250	4.89	N.A.	N.A.
OTHER HAND WORKERS, NEC	190	3.70	N.A.	N.A.
WELDERS AND CUTTERS	140	2.73	12.70	75.00
ALL OTHER HAND WORKERS, NEC	50	0.97	N.A.	N.A.
PLANT AND SYSTEM WORKERS	90	1.75	N.A.	N.A.
POWER DISTRIBUTORS AND DISPATCHERS	40	0.78	3.26	50.00
ALL OTHER PLANT AND SYSTEM OPERATORS	50	0.97	34.04	37.50
MOTOR VEHICLE OPERATORS	60	1.17	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	60	1.17	3.49	62.50
RAIL YARD ENGINEERS, DINKEY OPERATORS, AND HOSTLERS	30	0.58	22.26	37.50
ALL OTHER TRANSPORTATION AND RELATED WORKERS	30	0.58	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	680	13.28	N.A.	N.A.
GRADER, DOZER, AND SCRAPER OPERATORS	70	1.36	14.26	50.00
CRANE AND TOWER OPERATORS	200	3.91	3.25	62.50
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	110	2.15	6.50	50.00

SIC 333 PRIMRY SMELTING & REFING OF NONFRS MTL
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CONVEYOR OPERATORS AND TENDERS	230	4.50	4.21	62.50
PUMP OPERATORS	30	0.58	32.31	37.50
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	40	0.78	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	30	0.58	19.06	37.50
CONSTRUCTION TRADES AND EXTRACTIVE WORKER HELPERS	10	0.19	0.00	12.50
MACHINE FEEDERS AND OFFBEARERS	50	0.97	21.96	37.50
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	10	0.19	6.01	25.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	380	7.43	N.A.	N.A.

SIC 335 ROLLING, DRAWNG, EXTRDNG OF NONFRS MTL
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	4,190	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	210	4.93	N.A.	N.A.
FINANCIAL MANAGERS	20	0.47	13.06	60.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	10	0.23	12.84	40.00
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	20	0.47	13.31	40.00
ALL OTHER ADMINISTRATIVE MANAGERS	20	0.47	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	50	1.18	15.51	55.00
GENERAL MANAGERS AND TOP EXECUTIVES	60	1.41	15.18	80.00
ALL OTHER MANAGERS AND ADMINISTRATORS	30	0.70	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	220	5.16	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.47	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	20	0.47	20.15	35.00
COST ESTIMATORS	20	0.47	36.64	10.00
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.47	N.A.	N.A.
ENGINEERS	40	0.94	N.A.	N.A.
MECHANICAL ENGINEERS	20	0.47	18.04	30.00
ALL OTHER ENGINEERS	20	0.47	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	50	1.17	N.A.	N.A.
DRAFTERS	30	0.70	19.84	50.00
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	0.47	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	20	0.47	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	20	0.47	25.67	20.00
COMPUTER SCIENTISTS AND RELATED WORKERS	20	0.47	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.70	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	130	3.05	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	10	0.23	26.06	20.00
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	50	1.18	34.19	25.00
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	30	0.70	27.11	30.00
ALL OTHER SALES AND RELATED WORKERS	40	0.94	15.37	40.00
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	380	8.91	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	30	0.70	21.91	40.00

SIC 335 ROLLING, DRAWNG, EXTRDNG OF NONFRS MTL
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ADJUSTMENT CLERKS	10	0.23	47.87	10.00
SECRETARIES	40	0.94	16.68	55.00
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	10	0.23	26.71	25.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	30	0.70	15.16	65.00
GENERAL OFFICE CLERKS	30	0.70	29.36	35.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	160	3.76	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	40	0.94	12.00	50.00
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	90	2.12	20.69	45.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	0.70	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	70	1.65	N.A.	N.A.
SERVICE OCCUPATIONS	50	1.17	N.A.	N.A.
GUARDS AND WATCH GUARDS	30	0.70	21.37	30.00
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.47	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	20	0.47	12.54	55.00
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,200	75.46	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	290	6.83	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	10	0.23	15.01	40.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	170	4.01	11.02	75.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	70	1.65	39.73	35.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	40	0.94	27.21	25.00
PRECISION INSPECTORS, TESTERS, AND GRADERS	70	1.65	30.19	15.00
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	80	1.89	13.10	50.00
MECHANICS, INSTALLERS, AND REPAIRERS	150	3.54	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	90	2.12	16.51	40.00
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	40	0.94	N.A.	N.A.
ELECTRICIANS	40	0.94	29.15	25.00
PRECISION METAL WORKERS	110	2.58	N.A.	N.A.
TOOL AND DIE MAKERS	60	1.41	20.17	35.00

SIC 335 ROLLING, DRAWNG, EXTRDNG OF NONFRS MTL
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MACHINISTS	30	0.70	34.51	15.00
ALL OTHER PRECISION METAL WORKERS	20	0.47	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	1,110	26.18	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	60	1.41	26.20	20.00
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	60	1.41	27.20	20.00
EXTRUDING AND DRAWING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	620	14.65	13.68	70.00
ROLLING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	20	0.47	46.25	20.00
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	60	1.41	49.81	10.00
WELDING MACHINE SETTERS AND SET-UP OPERATORS	10	0.23	36.11	5.00
METAL MOLDING, COREMAKING, & CASTING MACHINE SETTERS AND SET-UP OPERATORS	40	0.94	26.30	15.00
FURNACE OPERATORS AND TENDERS	40	0.94	22.72	25.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	120	2.83	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	100	2.36	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	220	5.20	N.A.	N.A.
OTHER HAND WORKERS, NEC	290	6.84	N.A.	N.A.
METAL POURERS AND CASTERS, BASIC SHAPES	30	0.70	42.02	15.00
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	220	5.20	28.57	30.00
ALL OTHER HAND WORKERS, NEC	40	0.94	N.A.	N.A.
MOTOR VEHICLE OPERATORS	100	2.35	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	90	2.12	12.22	45.00
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	10	0.23	22.31	25.00
MATERIAL MOVING EQUIPMENT OPERATORS	100	2.36	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	40	0.94	27.40	20.00
HAND PACKERS AND PACKAGERS	210	4.96	22.47	30.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	260	6.14	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.47	N.A.	N.A.

SIC 336 NONFERROUS FOUNDRIES (CASTINGS)
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,070	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	160	7.60	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	30	1.42	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	50	2.38	18.82	57.14
GENERAL MANAGERS AND TOP EXECUTIVES	80	3.80	14.42	85.71
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	70	3.32	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.95	N.A.	N.A.
ENGINEERS	20	0.95	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	0.95	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	10	0.47	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	50	2.37	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	20	0.95	31.15	14.29
ALL OTHER SALES AND RELATED WORKERS	30	1.42	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	140	6.64	N.A.	N.A.
SECRETARIES	30	1.42	40.66	28.57
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	20	0.95	37.26	38.10
GENERAL OFFICE CLERKS	20	0.95	31.79	38.10
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	30	1.42	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	1.90	N.A.	N.A.
SERVICE OCCUPATIONS	20	0.94	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	10	0.47	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	10	0.47	22.71	28.57
ALL OTHER SERVICE WORKERS	10	0.47	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,630	77.52	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	60	2.85	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	60	2.85	21.82	52.38
PRECISION INSPECTORS, TESTERS, AND GRADERS	40	1.90	20.14	28.57

SIC 336 NONFERROUS FOUNDRIES (CASTINGS)
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	40	1.90	38.11	19.05
MECHANICS, INSTALLERS, AND REPAIRERS	40	1.90	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	20	0.95	23.84	23.81
PRECISION METAL WORKERS	110	5.23	N.A.	N.A.
MACHINISTS	50	2.38	37.35	47.62
ALL OTHER PRECISION METAL WORKERS	60	2.85	N.A.	N.A.
PRECISION WOODWORKERS	20	0.95	N.A.	N.A.
PATTERN AND MODEL MAKERS, WOOD	20	0.95	36.17	14.29
PRECISION WORKERS, NEC	160	7.61	N.A.	N.A.
PRECISION FOUNDRY MOLD AND CORE MAKERS	160	7.61	24.62	57.14
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	420	19.98	N.A.	N.A.
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	20	0.95	44.72	19.05
METAL MOLDING, COREMAKING, & CASTING MACHINE SETTERS AND SET-UP OPERATORS	110	5.23	33.90	23.81
METAL MOLDING, COREMAKING, AND CASTING MACHINE OPERATORS AND TENDERS	50	2.38	33.50	19.05
FOUNDRY MOLD ASSEMBLY AND SHAKEOUT WORKERS	100	4.76	28.57	38.10
FURNACE OPERATORS AND TENDERS	50	2.38	26.89	57.14
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.95	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	70	3.33	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	40	1.90	N.A.	N.A.
OTHER HAND WORKERS, NEC	370	17.60	N.A.	N.A.
GRINDING AND POLISHING WORKERS, HAND	220	10.47	17.35	61.90
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	80	3.80	35.71	19.05
ALL OTHER HAND WORKERS, NEC	70	3.33	N.A.	N.A.
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	290	13.80	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.95	N.A.	N.A.

SIC 34 FABRICATED METAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	75,900	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	5,190	6.79	N.A.	N.A.
FINANCIAL MANAGERS	650	0.85	17.29	45.97
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	150	0.19	13.92	21.37
PURCHASING MANAGERS	190	0.25	15.83	25.40
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	230	0.30	14.01	20.97
ADMINISTRATIVE SERVICES MANAGERS	150	0.19	31.50	10.89
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	310	0.40	39.05	22.58
INDUSTRIAL PRODUCTION MANAGERS	950	1.25	13.61	50.40
GENERAL MANAGERS AND TOP EXECUTIVES	2,310	3.04	9.28	83.47
ALL OTHER MANAGERS AND ADMINISTRATORS	250	0.32	19.06	14.11
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	5,330	6.87	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	400	0.51	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	350	0.46	17.05	24.19
BUDGET ANALYSTS	30	0.03	14.88	4.84
ALL OTHER FINANCIAL SPECIALISTS	20	0.02	28.43	2.82
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	590	0.77	16.60	36.29
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	120	0.15	12.71	12.90
COST ESTIMATORS	620	0.81	16.87	22.18
ALL OTHER MANAGEMENT SUPPORT WORKERS	90	0.11	24.74	7.26
ENGINEERS	1,090	1.40	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	40	0.05	30.82	5.65
CIVIL ENGINEERS, INCLUDING TRAFFIC	60	0.07	37.41	3.23
ELECTRICAL AND ELECTRONIC ENGINEERS	110	0.14	18.13	8.47
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	240	0.31	7.58	13.71
SAFETY ENGINEERS, EXCEPT MINING	50	0.06	6.24	2.82
MECHANICAL ENGINEERS	460	0.60	12.72	24.60
ALL OTHER ENGINEERS	130	0.17	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	1,680	2.18	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	110	0.14	11.56	5.65
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	60	0.07	25.80	5.24
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	90	0.11	18.34	8.06
DRAFTERS	1,120	1.47	16.40	31.05
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	300	0.39	N.A.	N.A.
PHYSICAL SCIENTISTS	70	0.09	7.30	1.61

SIC 34 FABRICATED METAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
COMPUTER SCIENTISTS AND RELATED WORKERS	500	0.64	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	160	0.21	8.05	10.89
COMPUTER PROGRAMMERS	230	0.30	28.61	11.69
COMPUTER PROGRAMMER AIDES	50	0.06	32.13	4.44
PROGRAMMERS- NUMERICAL, TOOL, AND PROCESS CONTROL	60	0.07	32.22	5.65
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	40	0.05	24.23	6.45
DESIGNERS, EXCEPT INTERIOR DESIGNERS	40	0.05	22.15	4.03
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	90	0.11	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	2,480	3.24	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	250	0.32	22.11	19.35
SALES ENGINEERS	100	0.13	31.20	5.65
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	550	0.72	27.25	13.71
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	1,390	1.82	15.19	37.10
ALL OTHER SALES AND RELATED WORKERS	190	0.25	31.83	8.47
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	8,240	10.76	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	320	0.42	15.20	21.77
ADJUSTMENT CLERKS	160	0.21	16.45	9.68
SECRETARIES	1,310	1.72	10.86	58.47
STENOGRAPHERS	50	0.06	3.88	2.02
RECEPTIONISTS AND INFORMATION CLERKS	120	0.15	21.07	13.71
TYPISTS	80	0.10	34.79	6.85
TYPISTS, WORD PROCESSING EQUIPMENT	40	0.05	15.02	4.44
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	100	0.13	20.55	12.50
FILE CLERKS	40	0.05	25.57	6.05
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	170	0.22	29.70	10.48
PROCUREMENT CLERKS	80	0.10	15.88	10.89
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,320	1.73	11.93	56.85
PAYROLL AND TIMEKEEPING CLERKS	190	0.25	11.33	22.98
BILLING, COST AND RATE CLERKS	170	0.22	18.37	16.53
GENERAL OFFICE CLERKS	760	1.00	17.86	30.65
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	270	0.35	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	130	0.17	17.81	15.32

SIC 34 FABRICATED METAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
DATA ENTRY KEYERS, EXCEPT COMPOSING	130	0.17	22.23	14.92
ALL OTHER OFFICE MACHINE OPERATORS	10	0.01	22.01	1.21
SWITCHBOARD OPERATORS	160	0.21	16.20	21.37
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	2,700	3.53	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	680	0.89	11.81	30.65
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	60	0.07	37.69	4.03
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	770	1.01	16.78	29.84
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	1,090	1.43	11.82	46.37
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	100	0.13	12.40	5.24
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	200	0.26	10.12	5.24
SERVICE OCCUPATIONS	1,170	1.53	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	140	0.18	17.72	6.05
GUARDS AND WATCH GUARDS	490	0.64	5.09	7.66
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	540	0.71	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	30	0.03	0.00	0.40
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	53,460	70.02	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	3,480	4.56	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	190	0.25	11.55	16.53
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	200	0.26	37.10	3.23
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	2,720	3.58	8.14	60.48
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	150	0.19	9.98	10.48
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	220	0.28	31.37	10.48
PRECISION INSPECTORS, TESTERS, AND GRADERS	510	0.67	10.32	11.69
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	920	1.21	9.45	28.63
MACHINERY MAINTENANCE MECHANICS	1,320	1.73	7.87	29.84
MILLWRIGHTS	190	0.25	5.88	3.63
MACHINERY MAINTENANCE WORKERS	100	0.13	25.52	7.66

SIC 34 FABRICATED METAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MAINTENANCE REPAIRERS, GENERAL UTILITY	610	0.80	11.05	31.45
AUTOMOTIVE MECHANICS	130	0.17	34.82	6.05
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	40	0.05	43.04	2.82
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	60	0.07	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	260	0.34	N.A.	N.A.
ELECTRICIANS	260	0.34	17.09	15.32
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	530	0.69	25.64	4.84
PRECISION METAL WORKERS	9,060	11.91	N.A.	N.A.
TOOL AND DIE MAKERS	520	0.68	9.52	25.81
MACHINISTS	2,350	3.09	19.49	37.50
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	230	0.30	20.09	12.50
SHEET METAL WORKERS	5,010	6.59	33.12	10.89
ALL OTHER PRECISION METAL WORKERS	950	1.25	N.A.	N.A.
PRECISION WORKERS, NEC	60	0.07	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	13,270	17.35	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	240	0.31	32.58	8.47
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	790	1.04	27.07	11.29
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	280	0.36	28.96	8.06
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	170	0.22	11.59	3.23
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	230	0.36	24.97	8.47
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	660	0.86	43.23	10.08
PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	800	1.05	30.06	11.69
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	690	0.90	28.02	15.32
SHEAR AND SLITTER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	410	0.53	28.16	12.10
EXTRUDING AND DRAWING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	130	0.17	33.30	4.03
ROLLING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	140	0.18	38.89	4.03
FORGING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	120	0.15	19.38	5.24
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	1,330	1.75	30.27	15.32
NUMERICAL CONTROL MACHINE TOOL OPERATORS & TENDERS, METAL & PLASTIC	350	0.46	23.50	8.47

SIC 34 FABRICATED METAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
WELDING MACHINE OPERATORS AND TENDERS	1,180	1.55	37.20	8.47
SOLDERING AND BRAZING MACHINE OPERATORS AND TENDERS	20	0.02	12.57	2.02
METAL FABRICATORS, STRUCTURAL METAL PRODUCTS	2,250	2.96	36.81	10.08
METAL MOLDING, COREMAKING, & CASTING MACHINE SETTERS AND SET-UP OPERATORS	100	0.13	32.15	1.21
METAL MOLDING, COREMAKING, AND CASTING MACHINE OPERATORS AND TENDERS	20	0.02	8.94	0.40
ELECTROLYTIC PLATING AND COATING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	520	0.68	20.97	8.87
HEAT TREATING, ANNEALING, AND TEMPERING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	120	0.15	37.03	8.47
FURNACE OPERATORS AND TENDERS	20	0.02	41.45	2.42
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	2,010	2.64	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	780	1.02	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,700	2.20	N.A.	N.A.
PRINTING PRESS MACHINE OPERATORS AND TENDERS	40	0.05	16.49	1.21
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	760	1.00	23.36	11.29
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	90	0.11	36.94	4.44
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	90	0.11	28.98	4.44
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	260	0.34	15.67	5.24
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	400	0.52	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	60	0.07	34.22	2.42
PRECISION ASSEMBLERS, METAL	1,290	1.69	N.A.	N.A.
OTHER HAND WORKERS, NEC	11,050	14.52	N.A.	N.A.
GLAZIERS, MANUFACTURING	380	0.50	42.82	2.02
WELDERS AND CUTTERS	3,970	5.22	16.80	29.03
SOLDERERS AND BRAZERS	40	0.05	40.69	2.42
GRINDING AND POLISHING WORKERS, HAND	730	0.96	28.66	13.31
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	5,810	7.64	16.47	29.03
ALL OTHER HAND WORKERS, NEC	120	0.15	38.81	2.42
PLANT AND SYSTEM WORKERS	10	0.01	38.10	1.61
MOTOR VEHICLE OPERATORS	1,140	1.49	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	780	1.02	13.60	25.81
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	360	0.47	27.49	17.34

SIC 34   FABRICATED METAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER TRANSPORTATION AND RELATED WORKERS	60	0.07	20.81	1.61
MATERIAL MOVING EQUIPMENT OPERATORS	1,120	1.45	N.A.	N.A.
CRANE AND TOWER OPERATORS	280	0.36	32.41	8.47
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	620	0.81	13.13	27.42
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	220	0.28	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	100	0.13	23.73	6.45
MACHINE FEEDERS AND OFFBEARERS	470	0.61	18.96	8.06
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	1,170	1.54	15.27	22.58
HAND PACKERS AND PACKAGERS	950	1.25	33.23	14.52
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	3,310	4.35	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	410	0.53	N.A.	N.A.

SIC 341 METAL CANS AND SHIPPING CONTAINERS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,670	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	150	4.06	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	40	1.08	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	50	1.36	18.15	82.35
GENERAL MANAGERS AND TOP EXECUTIVES	40	1.08	8.86	N.A.
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.54	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	70	1.89	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	10	0.27	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.54	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	20	0.54	31.57	23.53
ENGINEERS	20	0.54	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.54	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	60	1.63	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	50	1.36	34.58	29.41
ALL OTHER SALES AND RELATED WORKERS	10	0.27	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	250	6.76	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.54	23.03	35.29
SECRETARIES	20	0.54	15.08	58.82
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	1.08	18.09	82.35
PAYROLL AND TIMEKEEPING CLERKS	10	0.27	18.73	41.18
GENERAL OFFICE CLERKS	20	0.54	26.30	23.53
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	90	2.43	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	20	0.54	22.66	41.18
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	30	0.81	18.87	47.06
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	40	1.08	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	1.36	N.A.	N.A.
SERVICE OCCUPATIONS	70	1.89	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	30	0.81	40.76	17.65
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	40	1.08	N.A.	N.A.

SIC 341 METAL CANS AND SHIPPING CONTAINERS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	40	1.08	15.06	64.71
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,070	83.52	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	180	4.90	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	50	1.36	28.24	41.18
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	130	3.54	11.15	70.59
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	190	5.17	19.70	58.82
MACHINERY MAINTENANCE MECHANICS	790	21.52	10.12	82.35
MILLWRIGHTS	50	1.36	20.59	35.29
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	80	2.17	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	80	2.17	N.A.	N.A.
ELECTRICIANS	80	2.17	15.93	64.71
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	10	0.27	37.48	5.88
PRECISION METAL WORKERS	270	7.35	N.A.	N.A.
MACHINISTS	100	2.72	10.91	76.47
ALL OTHER PRECISION METAL WORKERS	170	4.63	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	130	3.53	N.A.	N.A.
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	60	1.63	32.72	11.76
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	50	1.36	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	20	0.54	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	140	3.79	N.A.	N.A.
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	40	1.08	42.09	23.53
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	50	1.36	32.33	23.53
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	20	0.54	32.80	29.41
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	30	0.81	N.A.	N.A.
OTHER HAND WORKERS, NEC	60	1.63	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	20	0.54	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	210	5.71	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	130	3.54	20.58	58.82

SIC 341 METAL CANS AND SHIPPING CONTAINERS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS........................	80	2.17	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS..	140	3.81	31.63	35.29
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND............................	80	2.17	26.86	29.41
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND................	580	15.80	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS..	60	1.63	N.A.	N.A.

SIC 342 CUTLERY, HAND TOOLS, & GENERAL HARDWR
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,210	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	100	8.05	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	20	1.61	N.A.	N.A.
GENERAL MANAGERS AND TOP EXECUTIVES	70	5.64	32.20	70.00
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.80	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	130	10.44	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	10	0.80	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	10	0.80	N.A.	N.A.
ENGINEERS	70	5.63	N.A.	N.A.
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	20	1.61	0.00	30.00
MECHANICAL ENGINEERS	40	3.22	13.49	50.00
ALL OTHER ENGINEERS	10	0.80	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	30	2.41	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	10	0.80	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	30	2.41	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	130	10.46	N.A.	N.A.
SECRETARIES	20	1.61	24.11	60.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	10	0.80	30.38	40.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	40	3.22	N.A.	N.A.
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	20	1.61	46.98	50.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	1.61	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	4.83	N.A.	N.A.
SERVICE OCCUPATIONS	10	0.80	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	810	65.20	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	50	4.03	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	50	4.03	18.78	70.00
MECHANICS, INSTALLERS, AND REPAIRERS	20	1.61	N.A.	N.A.
PRECISION METAL WORKERS	210	16.92	N.A.	N.A.

SIC 342 CUTLERY, HAND TOOLS, & GENERAL HARDWR
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MACHINISTS	100	8.06	28.98	40.00
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	30	2.41	47.54	50.00
ALL OTHER PRECISION METAL WORKERS	80	6.45	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	150	12.06	N.A.	N.A.
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	30	2.41	27.81	30.00
FORGING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	10	0.80	8.62	20.00
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	10	0.80	25.50	20.00
ELECTROLYTIC PLATING AND COATING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	20	1.61	0.00	10.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	60	4.83	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	20	1.61	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	50	4.03	N.A.	N.A.
OTHER HAND WORKERS, NEC	120	9.65	N.A.	N.A.
GRINDING AND POLISHING WORKERS, HAND	30	2.41	35.89	30.00
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	60	4.83	40.19	30.00
ALL OTHER HAND WORKERS, NEC	30	2.41	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	20	1.61	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	20	1.61	25.24	40.00
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	30	2.41	48.09	50.00
HAND PACKERS AND PACKAGERS	60	4.83	22.21	60.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	70	5.64	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	30	2.41	N.A.	N.A.

SIC 343 HEATG, EXPT ELEC & WRM AIR; PLMG FXTRS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,340	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	140	5.96	N.A.	N.A.
FINANCIAL MANAGERS	20	0.85	23.41	35.00
ALL OTHER ADMINISTRATIVE MANAGERS	40	1.70	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	0.85	11.69	50.00
GENERAL MANAGERS AND TOP EXECUTIVES	60	2.56	12.29	95.00
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	130	5.52	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	20	0.85	13.19	50.00
ALL OTHER MANAGEMENT SUPPORT WORKERS	10	0.42	N.A.	N.A.
ENGINEERS	40	1.70	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	1.70	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.85	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	60	2.55	N.A.	N.A.
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	20	0.85	32.09	15.00
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	30	1.28	17.92	35.00
ALL OTHER SALES AND RELATED WORKERS	10	0.42	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	280	11.93	N.A.	N.A.
ADJUSTMENT CLERKS	20	0.85	8.69	10.00
SECRETARIES	40	1.70	8.82	65.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	30	1.28	10.95	65.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.85	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	110	4.69	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	20	0.85	9.73	25.00
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	70	2.99	11.19	55.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.85	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	2.56	N.A.	N.A.
SERVICE OCCUPATIONS	30	1.27	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.85	N.A.	N.A.

SIC 343 HEATG, EXPT ELEC & WRM AIR; PLMG FXTRS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TØTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS............	20	0.85	12.15	50.00
ALL OTHER SERVICE WORKERS..	10	0.42	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS..	1,700	72.47	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS....................	90	3.84	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS..	90	3.84	4.53	60.00
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS..	40	1.70	6.13	35.00
MECHANICS, INSTALLERS, AND REPAIRERS..................................	40	1.70	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS.......................................	20	0.85	12.68	15.00
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING..	20	0.85	N.A.	N.A.
ELECTRICIANS..	20	0.85	9.30	15.00
PRECISION METAL WORKERS...	160	6.82	N.A.	N.A.
TOOL AND DIE MAKERS...	20	0.85	13.18	25.00
MACHINISTS..	100	4.27	8.00	55.00
SHEET METAL WORKERS...	20	0.85	21.51	25.00
ALL OTHER PRECISION METAL WORKERS.....................................	20	0.85	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC..	420	17.89	N.A.	N.A.
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC...	40	1.70	23.45	15.00
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC...	60	2.56	8.94	5.00
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC..........	50	2.13	21.84	20.00
EXTRUDING AND DRAWING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC...	30	1.28	21.01	15.00
SOLDERING AND BRAZING MACHINE OPERATORS AND TENDERS.................	10	0.42	12.07	15.00
METAL FABRICATORS, STRUCTURAL METAL PRODUCTS.........................	20	0.85	43.08	15.00
METAL MOLDING, COREMAKING, AND CASTING MACHINE OPERATORS AND TENDERS...	20	0.85	8.94	5.00
ELECTROLYTIC PLATING AND COATING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC...	40	1.70	16.17	15.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC...	50	2.13	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC...	100	4.27	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC...	100	4.27	N.A.	N.A.

SIC 343   HEATG, EXPT ELEC & WRM AIR; PLMG FXTRS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
OTHER HAND WORKERS, NEC	600	25.61	N.A.	N.A.
WELDERS AND CUTTERS	80	3.41	27.94	30.00
SOLDERERS AND BRAZERS	20	0.85	33.72	10.00
GRINDING AND POLISHING WORKERS, HAND	40	1.70	9.68	25.00
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	460	19.65	4.44	85.00
TRANSPORTATION EQUIPMENT OPERATORS	40	1.70	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	30	1.28	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	20	0.85	39.99	10.00
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	50	2.13	18.13	35.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	40	1.70	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	30	1.28	N.A.	N.A.

SIC 344 FABRICATED STRUCTURAL METAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	38,910	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	2,530	6.47	N.A.	N.A.
FINANCIAL MANAGERS	320	0.82	32.94	34.43
PURCHASING MANAGERS	110	0.28	27.10	29.51
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	90	0.23	26.69	19.67
ALL OTHER ADMINISTRATIVE MANAGERS	310	0.79	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	500	1.28	24.16	50.82
GENERAL MANAGERS AND TOP EXECUTIVES	1,140	2.92	16.86	81.97
ALL OTHER MANAGERS AND ADMINISTRATORS	60	0.15	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	2,380	6.06	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	170	0.43	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	340	0.87	26.78	45.90
COST ESTIMATORS	520	1.33	19.61	42.62
ALL OTHER MANAGEMENT SUPPORT WORKERS	70	0.17	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	790	2.02	N.A.	N.A.
DRAFTERS	700	1.79	24.69	44.26
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	90	0.23	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	200	0.50	N.A.	N.A.
COMPUTER PROGRAMMER AIDES	30	0.07	44.30	8.20
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	170	0.43	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	290	0.74	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,170	2.99	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	100	0.25	43.39	19.67
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	670	1.72	27.92	32.79
ALL OTHER SALES AND RELATED WORKERS	400	1.02	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3,770	9.58	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	140	0.35	28.89	26.23
ADJUSTMENT CLERKS	60	0.15	40.70	9.84
SECRETARIES	720	1.84	18.41	59.02
RECEPTIONISTS AND INFORMATION CLERKS	60	0.15	37.05	13.11

SIC 344 FABRICATED STRUCTURAL METAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PROCUREMENT CLERKS	30	0.07	30.63	9.84
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	750	1.92	19.39	57.38
PAYROLL AND TIMEKEEPING CLERKS	70	0.17	22.85	24.59
BILLING, COST AND RATE CLERKS	70	0.17	39.92	16.39
GENERAL OFFICE CLERKS	400	1.02	30.54	34.43
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	100	0.25	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	60	0.15	45.38	18.03
ALL OTHER OFFICE MACHINE OPERATORS	40	0.10	N.A.	N.A.
SWITCHBOARD OPERATORS	90	0.23	27.43	27.87
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,060	2.70	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	400	1.02	31.09	39.34
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	420	1.07	22.77	39.34
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	240	0.61	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	220	0.56	N.A.	N.A.
SERVICE OCCUPATIONS	200	0.51	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	180	0.46	N.A.	N.A.
ALL OTHER SERVICE WORKERS	20	0.05	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	28,860	74.00	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,400	3.59	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	20	0.05	45.47	9.84
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	1,340	3.44	15.41	67.21
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	40	0.10	38.94	13.11
PRECISION INSPECTORS, TESTERS, AND GRADERS	100	0.25	44.71	11.48
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	160	0.41	41.89	22.95
MACHINERY MAINTENANCE MECHANICS	180	0.46	27.85	24.59
MAINTENANCE REPAIRERS, GENERAL UTILITY	180	0.46	28.44	24.59
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	80	0.20	N.A.	N.A.
PRECISION METAL WORKERS	6,270	16.10	N.A.	N.A.
SHEET METAL WORKERS	4,720	12.12	35.04	22.95

SIC 344 FABRICATED STRUCTURAL METAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER PRECISION METAL WORKERS	1,550	3.98	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	7,810	20.02	N.A.	N.A.
PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	660	1.69	35.47	21.31
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	400	1.02	45.18	27.87
SHEAR AND SLITTER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	320	0.82	34.66	27.87
EXTRUDING AND DRAWING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.05	26.64	3.28
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	950	2.43	41.68	26.23
METAL FABRICATORS, STRUCTURAL METAL PRODUCTS	1,960	5.03	41.50	19.67
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	1,680	4.31	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	1,820	4.67	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	500	1.28	N.A.	N.A.
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	40	0.10	0.00	1.64
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	160	0.41	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	300	0.77	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	1,110	2.85	N.A.	N.A.
OTHER HAND WORKERS, NEC	6,740	17.29	N.A.	N.A.
GLAZIERS, MANUFACTURING	370	0.95	44.18	6.56
WELDERS AND CUTTERS	3,140	8.06	20.27	55.74
GRINDING AND POLISHING WORKERS, HAND	450	1.15	45.59	8.20
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	2,720	6.98	34.34	31.15
ALL OTHER HAND WORKERS, NEC	60	0.15	N.A.	N.A.
MOTOR VEHICLE OPERATORS	460	1.18	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	460	1.18	21.54	36.07
ALL OTHER TRANSPORTATION AND RELATED WORKERS	230	0.59	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	470	1.19	N.A.	N.A.
CRANE AND TOWER OPERATORS	190	0.48	46.21	13.11
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	200	0.51	33.04	22.95
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	80	0.20	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	670	1.72	25.55	29.51
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	2,000	5.13	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	500	1.28	N.A.	N.A.

SIC 346 METAL FORGINGS AND STAMPINGS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,210	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	260	8.06	N.A.	N.A.
FINANCIAL MANAGERS	40	1.24	16.54	58.62
PURCHASING MANAGERS	10	0.31	12.07	31.03
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	20	0.62	18.47	20.69
ALL OTHER ADMINISTRATIVE MANAGERS	20	0.62	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	50	1.55	19.44	44.83
GENERAL MANAGERS AND TOP EXECUTIVES	100	3.10	12.88	82.76
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.62	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	140	4.34	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	30	0.93	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	10	0.31	N.A.	N.A.
ENGINEERS	50	1.55	N.A.	N.A.
MECHANICAL ENGINEERS	30	0.93	19.78	13.79
ALL OTHER ENGINEERS	20	0.62	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	30	0.93	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.62	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	70	2.17	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	10	0.31	23.67	17.24
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	60	1.86	16.92	44.83
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	300	9.30	N.A.	N.A.
SECRETARIES	40	1.24	19.45	44.83
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	50	1.55	19.82	37.93
GENERAL OFFICE CLERKS	30	0.93	23.76	27.59
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	140	4.34	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	60	1.86	13.04	34.48
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	40	1.24	15.51	48.28
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	40	1.24	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	1.24	N.A.	N.A.
SERVICE OCCUPATIONS	70	2.17	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	20	0.62	25.09	10.34

SIC 346 METAL FORGINGS AND STAMPINGS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	30	0.93	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	30	0.93	16.27	34.48
ALL OTHER SERVICE WORKERS	20	0.62	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,370	73.50	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	90	2.79	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	70	2.17	14.08	44.83
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	20	0.62	6.57	6.90
PRECISION INSPECTORS, TESTERS, AND GRADERS	60	1.86	12.72	31.03
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	30	0.93	23.42	20.69
MECHANICS, INSTALLERS, AND REPAIRERS	60	1.86	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	30	0.93	18.74	20.69
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	30	0.93	39.76	3.45
PRECISION METAL WORKERS	390	12.10	N.A.	N.A.
TOOL AND DIE MAKERS	180	5.59	17.40	55.17
MACHINISTS	140	4.34	23.35	41.38
ALL OTHER PRECISION METAL WORKERS	70	2.17	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	940	29.15	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	90	2.79	21.68	17.24
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	120	3.72	0.00	3.45
PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	40	1.24	42.61	17.24
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	190	5.90	33.34	31.03
FORGING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	80	2.48	16.64	20.69
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	130	4.03	30.24	24.14
NUMERICAL CONTROL MACHINE TOOL OPERATORS & TENDERS, METAL & PLASTIC	30	0.93	0.00	3.45
METAL MOLDING, COREMAKING, & CASTING MACHINE SETTERS AND SET-UP OPERATORS	50	1.55	0.00	3.45
HEAT TREATING, ANNEALING, AND TEMPERING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	20	0.62	22.39	13.79
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	80	2.48	N.A.	N.A.

SIC 346 METAL FORGINGS AND STAMPINGS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	110	3.41	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	30	0.93	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	30	0.93	N.A.	N.A.
PRINTING PRESS MACHINE OPERATORS AND TENDERS	30	0.93	0.00	3.45
PRECISION ASSEMBLERS, METAL	20	0.62	N.A.	N.A.
FITTERS, STRUCTURAL METAL, PRECISION	20	0.62	0.00	3.45
OTHER HAND WORKERS, NEC	220	6.82	N.A.	N.A.
WELDERS AND CUTTERS	80	2.48	29.17	24.14
GRINDING AND POLISHING WORKERS, HAND	30	0.93	28.15	10.34
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	50	1.55	29.33	17.24
ALL OTHER HAND WORKERS, NEC	60	1.86	0.00	3.45
MOTOR VEHICLE OPERATORS	50	1.55	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	30	0.93	17.16	24.14
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	20	0.62	35.22	20.69
MATERIAL MOVING EQUIPMENT OPERATORS	40	1.24	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	20	0.62	36.30	20.69
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	20	0.62	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	20	0.62	0.00	3.45
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	310	9.62	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.62	N.A.	N.A.

SIC 347 COATING, ENGRAVING, & ALLIED SERVICES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	4,750	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	460	9.66	N.A.	N.A.
FINANCIAL MANAGERS	70	1.47	30.03	38.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.42	20.99	14.00
ALL OTHER ADMINISTRATIVE MANAGERS	20	0.42	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	110	2.31	23.36	40.00
GENERAL MANAGERS AND TOP EXECUTIVES	230	4.83	14.92	72.00
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.21	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	80	1.68	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	30	0.63	N.A.	N.A.
ENGINEERS	10	0.21	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	0.84	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	190	3.99	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	110	2.31	26.02	32.00
ALL OTHER SALES AND RELATED WORKERS	80	1.68	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	510	10.71	N.A.	N.A.
SECRETARIES	120	2.52	18.68	52.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	140	2.94	24.82	50.00
GENERAL OFFICE CLERKS	70	1.47	29.80	30.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	120	2.52	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	30	0.63	35.43	18.00
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	60	1.26	20.51	38.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	0.63	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	1.26	N.A.	N.A.
SERVICE OCCUPATIONS	90	1.89	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	50	1.05	9.97	6.00
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	30	0.63	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.21	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,420	71.82	N.A.	N.A.

SIC 347 COATING, ENGRAVING, & ALLIED SERVICES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	170	3.57	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	150	3.15	12.53	58.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	20	0.42	21.48	10.00
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	40	0.84	18.95	20.00
MACHINERY MAINTENANCE MECHANICS	40	0.84	27.78	20.00
MAINTENANCE REPAIRERS, GENERAL UTILITY	140	2.94	19.06	44.00
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	20	0.42	N.A.	N.A.
PRECISION METAL WORKERS	150	3.15	N.A.	N.A.
MACHINISTS	50	1.05	38.89	12.00
ALL OTHER PRECISION METAL WORKERS	100	2.10	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	1,230	25.83	N.A.	N.A.
ELECTROLYTIC PLATING AND COATING MACHINE SETTERS AND SET-UP OPERATORS, AND METAL PLASTIC	130	2.73	49.09	12.00
ELECTROLYTIC PLATING AND COATING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	460	9.66	24.10	36.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	410	8.61	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	230	4.83	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	620	13.02	N.A.	N.A.
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	400	8.40	28.31	22.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	160	3.36	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	60	1.26	N.A.	N.A.
OTHER HAND WORKERS, NEC	270	5.67	N.A.	N.A.
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	120	2.52	45.53	6.00
ALL OTHER HAND WORKERS, NEC	150	3.15	N.A.	N.A.
MOTOR VEHICLE OPERATORS	110	2.31	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	60	1.26	35.71	24.00
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	50	1.05	33.45	20.00
MATERIAL MOVING EQUIPMENT OPERATORS	160	3.36	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	80	1.68	28.29	22.00
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	80	1.68	N.A.	N.A.

SIC 347 COATING, ENGRAVING, & ALLIED SERVICES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	50	1.05	28.99	10.00
HAND PACKERS AND PACKAGERS	80	1.68	41.48	14.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	310	6.51	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	30	0.63	N.A.	N.A.

SIC 348 ORDNANCE AND ACCESSORIES, EX VEH&GDMSL
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	5,050	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	70	1.36	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	40	0.78	N.A.	N.A.
GENERAL MANAGERS AND TOP EXECUTIVES	20	0.39	9.65	85.71
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.19	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	800	15.69	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	30	0.59	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	20	0.39	7.84	42.86
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.39	0.00	28.57
ALL OTHER MANAGEMENT SUPPORT WORKERS	10	0.19	N.A.	N.A.
ENGINEERS	230	4.51	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	30	0.59	0.00	28.57
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	80	1.57	0.00	28.57
SAFETY ENGINEERS, EXCEPT MINING	40	0.78	0.00	28.57
MECHANICAL ENGINEERS	60	1.18	5.39	42.86
ALL OTHER ENGINEERS	20	0.39	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	290	5.70	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	50	0.98	0.00	14.29
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	20	0.39	0.00	14.29
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	220	4.33	N.A.	N.A.
PHYSICAL SCIENTISTS	60	1.18	0.00	28.57
COMPUTER SCIENTISTS AND RELATED WORKERS	100	1.96	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	60	1.18	0.00	28.57
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	40	0.78	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	0.78	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	20	0.39	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	540	10.58	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.39	10.50	42.86
SECRETARIES	30	0.59	5.20	85.71
STENOGRAPHERS	40	0.78	0.00	14.29

SIC 348 ORDNANCE AND ACCESSORIES, EX VEH&GDMSL
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TYPISTS, WORD PROCESSING EQUIPMENT	20	0.39	0.00	14.29
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	10	0.19	0.00	28.57
PAYROLL AND TIMEKEEPING CLERKS	10	0.19	0.00	14.29
GENERAL OFFICE CLERKS	20	0.39	9.59	28.57
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	30	0.58	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	10	0.19	0.00	28.57
ALL OTHER OFFICE MACHINE OPERATORS	20	0.39	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	210	4.13	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	100	1.97	1.81	42.86
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	30	0.59	0.00	28.57
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	10	0.19	31.33	42.86
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	70	1.38	0.00	28.57
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	150	2.95	N.A.	N.A.
SERVICE OCCUPATIONS	460	9.07	N.A.	N.A.
GUARDS AND WATCH GUARDS	390	7.69	0.00	28.57
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	70	1.38	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	70	1.38	0.00	28.57
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	30	0.59	0.00	14.29
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,130	61.62	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	530	10.44	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	30	0.59	0.00	14.29
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	60	1.18	0.00	28.57
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	360	7.10	1.18	42.86
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	80	1.57	0.00	14.29
PRECISION INSPECTORS, TESTERS, AND GRADERS	200	3.94	0.00	14.29
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	220	4.33	0.94	42.86
MILLWRIGHTS	130	2.56	0.00	14.29

SIC 348 ORDNANCE AND ACCESSORIES, EX VEH&GDMSL
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MAINTENANCE REPAIRERS, GENERAL UTILITY	20	0.39	0.00	14.29
AUTOMOTIVE MECHANICS	30	0.59	0.00	28.57
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	20	0.39	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	160	3.14	N.A.	N.A.
CARPENTERS	20	0.39	0.00	28.57
ELECTRICIANS	60	1.18	0.00	28.57
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	20	0.39	0.00	28.57
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	60	1.18	0.00	28.57
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	210	4.14	0.00	28.57
PRECISION METAL WORKERS	220	4.33	N.A.	N.A.
TOOL AND DIE MAKERS	60	1.18	0.00	14.29
MACHINISTS	140	2.76	12.61	85.71
ALL OTHER PRECISION METAL WORKERS	20	0.39	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	40	0.78	N.A.	N.A.
OTHER HAND WORKERS, NEC	1,060	20.90	N.A.	N.A.
MOTOR VEHICLE OPERATORS	60	1.18	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	60	1.18	0.00	28.57
ALL OTHER TRANSPORTATION AND RELATED WORKERS	40	0.78	0.00	28.57
MATERIAL MOVING EQUIPMENT OPERATORS	20	0.39	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	100	1.97	4.32	28.57
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	60	1.18	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.19	N.A.	N.A.

SIC 349 MISC. FABRICATED METAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	15,320	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,330	8.64	N.A.	N.A.
FINANCIAL MANAGERS	120	0.78	17.36	66.67
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	30	0.19	12.10	35.71
PURCHASING MANAGERS	40	0.26	19.92	40.48
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	80	0.52	22.70	35.71
ADMINISTRATIVE SERVICES MANAGERS	40	0.26	38.00	19.05
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	100	0.65	10.37	47.62
INDUSTRIAL PRODUCTION MANAGERS	200	1.30	18.70	66.67
GENERAL MANAGERS AND TOP EXECUTIVES	600	3.90	13.67	92.86
ALL OTHER MANAGERS AND ADMINISTRATORS	120	0.78	31.81	21.43
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,460	9.45	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	120	0.78	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	100	0.65	19.32	45.24
ALL OTHER FINANCIAL SPECIALISTS	20	0.13	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	160	1.04	23.14	50.00
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	30	0.19	23.29	26.19
COST ESTIMATORS	60	0.39	31.66	33.33
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.26	20.10	16.67
ENGINEERS	390	2.53	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	30	0.19	44.81	14.29
ELECTRICAL AND ELECTRONIC ENGINEERS	40	0.26	16.03	11.90
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	80	0.52	11.47	33.33
MECHANICAL ENGINEERS	180	1.17	14.09	38.10
ALL OTHER ENGINEERS	60	0.39	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	470	3.04	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	30	0.19	13.39	11.90
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	20	0.13	24.66	14.29
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	50	0.32	15.48	19.05
DRAFTERS	350	2.27	15.76	54.76
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	0.13	41.15	11.90
COMPUTER SCIENTISTS AND RELATED WORKERS	150	0.97	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	70	0.45	10.64	33.33
COMPUTER PROGRAMMERS	40	0.26	16.17	19.05
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	40	0.26	N.A.	N.A.

SIC 349   MISC. FABRICATED METAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
DESIGNERS, EXCEPT INTERIOR DESIGNERS	10	0.06	35.00	9.52
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.19	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	720	4.68	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	100	0.65	30.95	38.10
SALES ENGINEERS	40	0.26	16.38	14.29
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	240	1.56	40.56	21.43
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	320	2.08	25.98	42.86
ALL OTHER SALES AND RELATED WORKERS	20	0.13	46.19	9.52
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	2,220	14.39	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	100	0.65	21.21	35.71
ADJUSTMENT CLERKS	60	0.39	18.06	19.05
SECRETARIES	310	2.01	15.55	71.43
RECEPTIONISTS AND INFORMATION CLERKS	30	0.19	35.96	23.81
TYPISTS	10	0.06	36.16	7.14
TYPISTS, WORD PROCESSING EQUIPMENT	10	0.06	23.67	11.90
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	30	0.19	21.99	26.19
FILE CLERKS	20	0.13	30.52	21.43
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	40	0.26	16.19	16.67
PROCUREMENT CLERKS	30	0.19	21.77	28.57
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	240	1.56	17.61	71.43
PAYROLL AND TIMEKEEPING CLERKS	60	0.39	20.53	42.86
BILLING, COST AND RATE CLERKS	60	0.39	18.80	33.33
GENERAL OFFICE CLERKS	180	1.17	27.83	40.48
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	100	0.65	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	60	0.39	25.02	35.71
DATA ENTRY KEYERS, EXCEPT COMPOSING	40	0.26	19.35	30.95
SWITCHBOARD OPERATORS	40	0.26	18.79	42.86
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	870	5.65	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	230	1.49	14.28	47.62
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	400	2.60	20.46	54.76
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	240	1.56	N.A.	N.A.

SIC 349 MISC. FABRICATED METAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	30	0.19	N.A.	N.A.
SERVICE OCCUPATIONS	230	1.49	N.A.	N.A.
GUARDS AND WATCH GUARDS	30	0.19	40.23	16.67
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	160	1.04	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	160	1.04	28.82	45.24
ALL OTHER SERVICE WORKERS	40	0.26	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	9,360	60.79	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	640	4.16	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	60	0.39	22.91	35.71
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	500	3.25	13.87	69.05
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	80	0.52	20.82	19.05
PRECISION INSPECTORS, TESTERS, AND GRADERS	100	0.65	24.90	14.29
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	230	1.49	16.80	40.48
MACHINERY MAINTENANCE MECHANICS	240	1.56	15.93	52.38
MACHINERY MAINTENANCE WORKERS	40	0.26	18.99	21.43
MAINTENANCE REPAIRERS, GENERAL UTILITY	120	0.78	23.82	35.71
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	80	0.52	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	60	0.39	N.A.	N.A.
ELECTRICIANS	60	0.39	25.79	28.57
PRECISION METAL WORKERS	1,260	8.19	N.A.	N.A.
TOOL AND DIE MAKERS	100	0.65	9.88	35.71
MACHINISTS	1,070	6.96	31.23	50.00
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	40	0.26	16.71	21.43
ALL OTHER PRECISION METAL WORKERS	50	0.32	N.A.	N.A.
PRECISION WORKERS, NEC	30	0.19	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	2,400	15.58	N.A.	N.A.
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	640	4.16	32.34	40.48
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	100	0.65	23.08	19.05

SIC 349 MISC. FABRICATED METAL PRODUCTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.13	3.52	2.38
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	110	0.71	46.15	11.90
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	60	0.39	47.00	9.52
NUMERICAL CONTROL MACHINE TOOL OPERATORS & TENDERS, METAL & PLASTIC	250	1.62	29.28	23.81
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	790	5.13	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	430	2.79	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	200	1.30	N.A.	N.A.
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	60	0.39	46.50	7.14
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	80	0.52	44.09	4.76
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	40	0.26	35.25	14.29
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	20	0.13	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	150	0.97	N.A.	N.A.
OTHER HAND WORKERS, NEC	1,930	12.54	N.A.	N.A.
WELDERS AND CUTTERS	580	3.77	33.35	35.71
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	1,260	8.19	15.09	45.24
ALL OTHER HAND WORKERS, NEC	90	0.58	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	140	0.91	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	160	1.04	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	120	0.78	25.61	35.71
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	40	0.26	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	40	0.26	41.72	16.67
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	160	1.04	23.12	23.81
HAND PACKERS AND PACKAGERS	70	0.45	29.68	11.90
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	940	6.11	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	370	2.40	N.A.	N.A.

SIC 35 MACHINERY, EXCEPT ELECTRICAL
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	105,520	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	8,410	7.94	N.A.	N.A.
FINANCIAL MANAGERS	760	0.72	11.40	48.89
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	310	0.29	8.25	27.78
PURCHASING MANAGERS	320	0.30	10.93	31.11
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	840	0.79	10.42	32.59
ADMINISTRATIVE SERVICES MANAGERS	310	0.29	28.67	14.44
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	1,190	1.12	17.18	38.89
INDUSTRIAL PRODUCTION MANAGERS	1,140	1.08	11.17	50.37
GENERAL MANAGERS AND TOP EXECUTIVES	2,860	2.71	9.04	76.30
ALL OTHER MANAGERS AND ADMINISTRATORS	680	0.64	14.92	21.11
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	14,720	13.78	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	1,000	0.93	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	770	0.72	11.44	34.07
BUDGET ANALYSTS	60	0.05	31.58	7.41
ALL OTHER FINANCIAL SPECIALISTS	170	0.16	23.63	8.15
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	920	0.87	11.91	46.30
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	250	0.23	14.31	16.67
COST ESTIMATORS	240	0.22	19.68	17.41
ALL OTHER MANAGEMENT SUPPORT WORKERS	270	0.25	15.70	11.48
ENGINEERS	4,790	4.48	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	70	0.06	25.40	5.93
CHEMICAL ENGINEERS	40	0.03	38.20	2.96
CIVIL ENGINEERS, INCLUDING TRAFFIC	100	0.09	26.64	4.44
AGRICULTURAL ENGINEERS	20	0.01	25.40	1.85
ELECTRICAL AND ELECTRONIC ENGINEERS	1,940	1.83	13.86	21.85
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	850	0.80	9.34	23.33
MECHANICAL ENGINEERS	1,560	1.47	10.12	32.59
ALL OTHER ENGINEERS	210	0.19	12.68	8.52
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	4,350	4.10	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	1,570	1.48	7.87	18.89
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	290	0.27	18.33	8.15
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	720	0.68	14.69	13.70
DRAFTERS	1,310	1.24	10.34	37.78
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	460	0.43	N.A.	N.A.

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	100	0.09	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	1,900	1.78	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	660	0.62	11.04	18.15
COMPUTER PROGRAMMERS	1,020	0.96	8.10	22.96
COMPUTER PROGRAMMER AIDES	60	0.05	16.07	9.63
PROGRAMMERS- NUMERICAL, TOOL, AND PROCESS CONTROL	160	0.15	18.16	11.85
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	120	0.11	N.A.	N.A.
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS, EXCEPT COMPUTER	120	0.11	31.31	5.56
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	70	0.06	12.10	11.85
WRITERS AND EDITORS	100	0.09	33.96	4.07
TECHNICAL WRITERS	150	0.14	16.16	10.74
DESIGNERS, EXCEPT INTERIOR DESIGNERS	160	0.15	15.14	6.67
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	300	0.28	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	4,060	3.83	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	560	0.53	10.39	20.74
SALES ENGINEERS	550	0.52	16.37	17.04
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	1,290	1.22	13.97	20.00
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	1,200	1.13	17.52	26.30
ALL OTHER SALES AND RELATED WORKERS	460	0.43	11.24	12.22
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	14,640	13.76	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,080	1.02	12.86	32.59
ADJUSTMENT CLERKS	330	0.31	24.34	12.22
SECRETARIES	2,750	2.60	6.99	60.37
STENOGRAPHERS	20	0.01	32.85	2.22
RECEPTIONISTS AND INFORMATION CLERKS	260	0.24	17.50	23.33
TYPISTS	160	0.15	33.66	10.00
TYPISTS, WORD PROCESSING EQUIPMENT	120	0.11	20.39	10.37
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	140	0.13	17.34	18.89
FILE CLERKS	140	0.13	19.50	11.85
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	530	0.50	20.32	22.59
PROCUREMENT CLERKS	200	0.18	17.31	15.93
STATISTICAL CLERKS	50	0.04	20.99	5.93

SIC 35 MACHINERY, EXCEPT ELECTRICAL
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,830	1.73	9.10	50.74
PAYROLL AND TIMEKEEPING CLERKS	340	0.32	20.81	22.22
BILLING, COST AND RATE CLERKS	210	0.19	19.06	11.48
GENERAL OFFICE CLERKS	2,000	1.89	10.24	37.04
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	730	0.68	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	350	0.33	11.65	21.85
DATA ENTRY KEYERS, EXCEPT COMPOSING	330	0.31	13.05	22.96
ALL OTHER OFFICE MACHINE OPERATORS	50	0.04	N.A.	N.A.
SWITCHBOARD OPERATORS	180	0.17	16.04	23.70
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	3,390	3.19	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	1,290	1.22	10.55	34.44
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	80	0.07	26.86	3.70
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	970	0.91	8.34	36.67
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	930	0.88	11.59	44.07
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	120	0.11	37.07	5.93
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	180	0.17	N.A.	N.A.
SERVICE OCCUPATIONS	1,270	1.17	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	70	0.06	27.71	6.67
GUARDS AND WATCH GUARDS	430	0.40	20.27	9.26
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	750	0.70	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	730	0.69	12.44	35.56
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.01	45.35	2.59
ALL OTHER SERVICE WORKERS	20	0.01	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	10	0.00	24.26	1.85
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	62,410	58.75	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	5,380	5.08	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	440	0.41	16.51	19.63
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	80	0.07	25.82	4.44
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	4,510	4.27	6.01	64.81

SIC 35 MACHINERY, EXCEPT ELECTRICAL
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	180	0.17	13.40	12.59
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	170	0.16	16.36	11.48
PRECISION INSPECTORS, TESTERS, AND GRADERS	1,260	1.19	8.18	29.63
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	1,340	1.27	11.10	25.19
MACHINERY MAINTENANCE MECHANICS	1,590	1.50	11.45	26.67
MACHINERY MAINTENANCE WORKERS	140	0.13	26.17	7.78
MAINTENANCE REPAIRERS, GENERAL UTILITY	1,100	1.04	12.57	30.74
AUTOMOTIVE MECHANICS	80	0.07	38.39	4.07
DATA PROCESSING EQUIPMENT REPAIRERS	200	0.18	30.81	2.22
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	240	0.22	37.93	5.56
PRECISION INSTRUMENT REPAIRERS	70	0.06	25.12	2.59
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	360	0.34	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	610	0.56	N.A.	N.A.
CARPENTERS	40	0.03	27.00	3.33
ELECTRICIANS	360	0.34	21.11	15.56
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	210	0.19	48.84	9.26
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	90	0.08	41.78	1.48
PRECISION METAL WORKERS	10,450	9.87	N.A.	N.A.
TOOL AND DIE MAKERS	1,010	0.95	17.81	26.67
MACHINISTS	8,190	7.76	11.62	58.52
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	200	0.18	22.15	15.56
PRECISION LAYOUT WORKERS, METAL	60	0.05	49.39	2.59
SHEET METAL WORKERS	960	0.91	26.55	17.04
ALL OTHER PRECISION METAL WORKERS	30	0.02	33.65	1.85
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	14,050	13.18	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	230	0.21	27.84	11.48
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	1,750	1.65	23.71	20.74
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	610	0.57	23.21	17.04
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	570	0.54	25.70	10.00
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	590	0.55	18.75	13.70

SIC 35 MACHINERY, EXCEPT ELECTRICAL
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC..........	2,200	2.08	22.40	16.67
PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC.........	330	0.31	19.40	8.15
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC..	340	0.32	39.65	11.85
SHEAR AND SLITTER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC..	80	0.07	19.98	5.93
FORGING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC..........	330	0.31	28.40	2.22
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC.............	1,670	1.58	20.96	12.22
NUMERICAL CONTROL MACHINE TOOL OPERATORS & TENDERS, METAL & PLASTIC..	1,030	0.97	23.85	16.67
COMBINATION MACHINE TOOL OPERATORS AND TENDERS, METAL AND PLASTIC..	930	0.88	32.54	7.04
WELDING MACHINE SETTERS AND SET-UP OPERATORS.........................	610	0.57	28.42	12.22
WELDING MACHINE OPERATORS AND TENDERS.................................	900	0.85	44.07	10.00
SOLDERING AND BRAZING MACHINE OPERATORS AND TENDERS...................	460	0.43	18.71	3.70
METAL MOLDING, COREMAKING, & CASTING MACHINE SETTERS AND SET-UP OPERATORS..	80	0.07	18.77	1.11
METAL MOLDING, COREMAKING, AND CASTING MACHINE OPERATORS AND TENDERS..	80	0.07	21.38	2.22
ELECTROLYTIC PLATING AND COATING MACHINE SETTERS AND SET-UP OPERATORS, AND METAL PLASTIC...	30	0.02	46.77	1.48
HEATING EQUIPMENT SETTERS & SET-UP OPERATORS, METAL AND PLASTIC..	50	0.04	46.35	2.96
HEAT TREATING, ANNEALING, AND TEMPERING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC...	140	0.13	20.26	4.44
FURNACE OPERATORS AND TENDERS...	30	0.02	31.63	1.11
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC..	620	0.58	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC..	390	0.36	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC..	1,480	1.39	N.A.	N.A.
COATING, PAINTING, & SPRAYING MACHINE SETTERS & SET-UP OPERATORS..	360	0.34	29.39	7.78
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS..........	380	0.36	20.98	13.70
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS..	90	0.08	27.02	4.44
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS..................	160	0.15	34.36	2.59
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC...	130	0.12	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC...	360	0.34	N.A.	N.A.

SIC 35 MACHINERY, EXCEPT ELECTRICAL
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION ASSEMBLERS, METAL	3,100	2.92	N.A.	N.A.
MACHINE BUILDERS AND OTHER PRECISION MACHINE ASSEMBLERS	1,240	1.17	28.73	12.59
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS, PRECISION	1,350	1.27	14.48	11.11
ALL OTHER PRECISION ASSEMBLERS, METAL	510	0.48	N.A.	N.A.
OTHER HAND WORKERS, NEC	15,320	14.48	N.A.	N.A.
MACHINE ASSEMBLERS	1,000	0.94	19.65	10.37
ELECTRICAL AND ELECTRONIC ASSEMBLERS	2,700	2.55	13.97	12.22
WELDERS AND CUTTERS	3,250	3.08	19.45	33.70
SOLDERERS AND BRAZERS	810	0.76	15.15	5.19
GRINDING AND POLISHING WORKERS, HAND	440	0.41	30.60	10.74
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	6,910	6.55	11.32	31.48
ALL OTHER HAND WORKERS, NEC	210	0.19	N.A.	N.A.
PLANT AND SYSTEM WORKERS	20	0.01	30.58	1.85
MOTOR VEHICLE OPERATORS	550	0.51	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	310	0.29	31.31	15.19
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	240	0.22	26.93	15.19
ALL OTHER TRANSPORTATION AND RELATED WORKERS	90	0.08	49.23	1.85
MATERIAL MOVING EQUIPMENT OPERATORS	910	0.85	N.A.	N.A.
CRANE AND TOWER OPERATORS	130	0.12	27.03	4.44
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	570	0.54	27.48	13.33
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	210	0.19	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	290	0.27	39.29	5.19
MACHINE FEEDERS AND OFFBEARERS	330	0.31	38.74	4.44
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	1,060	1.00	15.18	23.70
HAND PACKERS AND PACKAGERS	250	0.23	32.93	8.15
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,410	1.33	19.85	19.63
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	640	0.60	N.A.	N.A.

SIC 352 FARM AND GARDEN MACHINERY AND EQUIPMNT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,310	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	160	6.90	N.A.	N.A.
FINANCIAL MANAGERS	30	1.29	27.25	57.89
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	10	0.43	24.60	36.84
ALL OTHER ADMINISTRATIVE MANAGERS	30	1.29	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	0.86	41.53	36.84
GENERAL MANAGERS AND TOP EXECUTIVES	70	3.03	14.19	78.95
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	120	5.17	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.86	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.86	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	20	0.86	37.94	26.32
ENGINEERS	30	1.29	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	1.73	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	10	0.43	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	100	4.31	N.A.	N.A.
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	10	0.43	49.91	10.53
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	60	2.59	16.72	47.37
ALL OTHER SALES AND RELATED WORKERS	30	1.29	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	290	12.52	N.A.	N.A.
SECRETARIES	50	2.16	28.53	68.42
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	20	0.86	38.77	26.32
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	1.73	19.98	57.89
GENERAL OFFICE CLERKS	30	1.29	26.41	42.11
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	90	3.89	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	10	0.43	8.06	31.58
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	40	1.73	30.13	57.89
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	40	1.73	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	2.59	N.A.	N.A.
SERVICE OCCUPATIONS	50	2.16	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	50	2.16	N.A.	N.A.

SIC 352 FARM AND GARDEN MACHINERY AND EQUIPMNT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	50	2.16	5.81	47.37
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,590	68.73	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	130	5.62	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	130	5.62	8.52	73.68
MECHANICS, INSTALLERS, AND REPAIRERS	40	1.73	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	20	0.86	49.38	21.05
PRECISION METAL WORKERS	170	7.35	N.A.	N.A.
MACHINISTS	80	3.46	19.47	52.63
SHEET METAL WORKERS	50	2.16	24.35	36.84
ALL OTHER PRECISION METAL WORKERS	40	1.73	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	380	16.42	N.A.	N.A.
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.86	28.59	31.58
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.86	19.39	5.26
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	20	0.86	45.49	21.05
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	10	0.43	45.26	10.53
WELDING MACHINE SETTERS AND SET-UP OPERATORS	120	5.19	14.26	31.58
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	120	5.19	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	70	3.03	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	40	1.73	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	40	1.73	N.A.	N.A.
MACHINE BUILDERS AND OTHER PRECISION MACHINE ASSEMBLERS	40	1.73	37.87	10.53
OTHER HAND WORKERS, NEC	600	25.96	N.A.	N.A.
WELDERS AND CUTTERS	130	5.62	26.24	52.63
ALL OTHER HAND WORKERS, NEC	470	20.34	N.A.	N.A.
MOTOR VEHICLE OPERATORS	20	0.86	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	20	0.86	30.77	42.11
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	20	0.86	19.90	15.79
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	30	1.29	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	100	4.32	N.A.	N.A.

SIC 353 CONSTR, MINING, MATL HANDL MACH & EQPT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	33,620	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	2,790	8.25	N.A.	N.A.
FINANCIAL MANAGERS	240	0.71	19.02	73.81
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	140	0.41	14.99	69.05
PURCHASING MANAGERS	110	0.32	26.14	57.14
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	310	0.92	22.83	61.90
ADMINISTRATIVE SERVICES MANAGERS	220	0.65	39.87	30.95
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	270	0.80	23.88	71.43
INDUSTRIAL PRODUCTION MANAGERS	440	1.30	24.60	76.19
GENERAL MANAGERS AND TOP EXECUTIVES	780	2.31	23.64	85.71
ALL OTHER MANAGERS AND ADMINISTRATORS	280	0.83	22.68	42.86
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	4,540	13.32	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	450	1.32	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	350	1.04	18.94	71.43
BUDGET ANALYSTS	40	0.11	49.32	21.43
ALL OTHER FINANCIAL SPECIALISTS	60	0.17	41.91	21.43
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	280	0.83	14.50	71.43
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	60	0.17	28.09	42.86
COST ESTIMATORS	140	0.41	32.09	33.33
ALL OTHER MANAGEMENT SUPPORT WORKERS	100	0.29	13.02	28.57
ENGINEERS	1,610	4.76	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	60	0.17	28.60	28.57
ELECTRICAL AND ELECTRONIC ENGINEERS	210	0.62	26.44	33.33
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	270	0.80	19.64	54.76
MECHANICAL ENGINEERS	930	2.76	14.23	78.57
ALL OTHER ENGINEERS	140	0.41	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	1,030	3.03	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	150	0.44	27.18	28.57
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	60	0.17	28.41	19.05
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	170	0.50	31.60	28.57
DRAFTERS	500	1.48	13.45	69.05
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	150	0.44	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	50	0.14	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	490	1.43	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	190	0.56	19.32	42.86

SIC 353 CONSTR, MINING, MATL HANDL MACH & EQPT
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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
COMPUTER PROGRAMMERS	190	0.56	13.71	50.00
COMPUTER PROGRAMMER AIDES	10	0.02	46.50	11.90
PROGRAMMERS- NUMERICAL, TOOL, AND PROCESS CONTROL	100	0.29	24.86	38.10
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	20	0.05	N.A.	N.A.
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS, EXCEPT COMPUTER	20	0.05	29.52	14.29
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	30	0.08	23.31	35.71
TECHNICAL WRITERS	60	0.17	25.35	30.95
DESIGNERS, EXCEPT INTERIOR DESIGNERS	60	0.17	21.56	16.67
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	160	0.47	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,390	4.10	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	140	0.41	32.24	35.71
SALES ENGINEERS	110	0.32	41.72	23.81
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	520	1.54	32.31	42.86
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	520	1.54	36.18	28.57
ALL OTHER SALES AND RELATED WORKERS	100	0.29	42.73	30.95
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	4,810	14.16	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	410	1.21	21.94	54.76
SECRETARIES	780	2.31	13.75	80.95
RECEPTIONISTS AND INFORMATION CLERKS	80	0.23	30.60	42.86
TYPISTS, WORD PROCESSING EQUIPMENT	60	0.17	35.83	21.43
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	40	0.11	45.25	40.48
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	190	0.56	43.19	35.71
PROCUREMENT CLERKS	50	0.14	31.95	26.19
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	480	1.42	21.92	71.43
PAYROLL AND TIMEKEEPING CLERKS	90	0.26	18.17	47.62
BILLING, COST AND RATE CLERKS	80	0.23	34.27	26.19
GENERAL OFFICE CLERKS	560	1.66	17.25	52.38
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	260	0.75	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	120	0.35	21.52	47.62
DATA ENTRY KEYERS, EXCEPT COMPOSING	110	0.32	21.90	50.00
ALL OTHER OFFICE MACHINE OPERATORS	30	0.08	N.A.	N.A.

SIC 353 CONSTR, MINING, MATL HANDL MACH & EQPT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SWITCHBOARD OPERATORS	60	0.17	44.94	42.86
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,340	3.96	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	480	1.42	12.45	64.29
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	460	1.36	11.43	61.90
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	400	1.18	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	330	0.98	N.A.	N.A.
SERVICE OCCUPATIONS	470	1.37	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	40	0.11	32.81	28.57
GUARDS AND WATCH GUARDS	190	0.56	29.10	33.33
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	220	0.65	N.A.	N.A.
ALL OTHER SERVICE WORKERS	20	0.05	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	19,620	58.03	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	2,070	6.12	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	270	0.80	25.02	42.86
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	30	0.08	39.94	11.90
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	1,620	4.81	11.67	83.33
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	60	0.17	21.25	28.57
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	90	0.26	24.19	28.57
PRECISION INSPECTORS, TESTERS, AND GRADERS	330	0.98	18.33	47.62
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	380	1.12	18.32	42.86
MACHINERY MAINTENANCE MECHANICS	570	1.69	20.93	52.38
MACHINERY MAINTENANCE WORKERS	70	0.20	36.52	23.81
MAINTENANCE REPAIRERS, GENERAL UTILITY	310	0.92	21.15	57.14
DATA PROCESSING EQUIPMENT REPAIRERS	20	0.05	40.43	2.38
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	20	0.05	31.28	14.29

SIC 353 CONSTR, MINING, MATL HANDL MACH & EQPT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION INSTRUMENT REPAIRERS	60	0.17	27.97	14.29
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	240	0.71	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	230	0.68	N.A.	N.A.
ELECTRICIANS	230	0.68	30.89	45.24
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	40	0.11	48.52	7.14
PRECISION METAL WORKERS	2,950	8.76	N.A.	N.A.
TOOL AND DIE MAKERS	270	0.80	21.93	45.24
MACHINISTS	2,420	7.19	23.34	76.19
ALL OTHER PRECISION METAL WORKERS	260	0.77	N.A.	N.A.
PRECISION WORKERS, NEC	30	0.08	N.A.	N.A.
PRECISION FOUNDRY MOLD AND CORE MAKERS	30	0.08	33.66	7.14
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	5,470	16.18	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	90	0.26	11.81	21.43
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	750	2.23	31.70	40.48
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	240	0.71	41.57	33.33
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	90	0.26	48.92	23.81
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	200	0.59	21.48	26.19
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	1,100	3.27	34.58	42.86
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	80	0.23	49.80	23.81
SHEAR AND SLITTER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	10	0.02	35.55	2.38
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	610	1.81	40.23	23.81
NUMERICAL CONTROL MACHINE TOOL OPERATORS & TENDERS, METAL & PLASTIC	490	1.45	40.45	30.95
METAL MOLDING, COREMAKING, & CASTING MACHINE SETTERS AND SET-UP OPERATORS	60	0.17	26.09	4.76
METAL MOLDING, COREMAKING, AND CASTING MACHINE OPERATORS AND TENDERS	30	0.08	37.13	4.76
HEAT TREATING, ANNEALING, AND TEMPERING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	120	0.35	21.01	23.81
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	640	1.90	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	960	2.85	N.A.	N.A.

SIC 353 CONSTR, MINING, MATL HANDL MACH & EQPT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	500	1.47	N.A.	N.A.
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	40	0.11	35.15	11.90
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	240	0.71	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	220	0.65	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	740	2.19	N.A.	N.A.
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS, PRECISION	240	0.71	34.22	23.81
ALL OTHER PRECISION ASSEMBLERS, METAL	500	1.48	N.A.	N.A.
OTHER HAND WORKERS, NEC	3,770	11.17	N.A.	N.A.
WELDERS AND CUTTERS	1,520	4.51	36.41	57.14
SOLDERERS AND BRAZERS	40	0.11	38.25	4.76
GRINDING AND POLISHING WORKERS, HAND	60	0.17	31.63	21.43
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	1,750	5.20	32.22	45.24
ALL OTHER HAND WORKERS, NEC	400	1.18	N.A.	N.A.
MOTOR VEHICLE OPERATORS	180	0.53	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	180	0.53	46.41	35.71
ALL OTHER TRANSPORTATION AND RELATED WORKERS	70	0.20	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	270	0.79	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	140	0.41	33.60	33.33
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	130	0.38	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	320	0.95	26.00	45.24
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	750	2.23	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	230	0.68	N.A.	N.A.

SIC 354 METALWORKING MACHINERY AND EQUIPMENT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,620	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	320	8.67	N.A.	N.A.
FINANCIAL MANAGERS	40	1.08	30.90	39.39
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.54	0.00	12.12
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	20	0.54	12.96	30.30
ALL OTHER ADMINISTRATIVE MANAGERS	20	0.54	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	40	1.08	20.18	51.52
GENERAL MANAGERS AND TOP EXECUTIVES	160	4.35	15.44	72.73
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.54	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	250	6.76	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	10	0.27	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	30	0.81	30.14	33.33
ALL OTHER MANAGEMENT SUPPORT WORKERS	30	0.81	N.A.	N.A.
ENGINEERS	60	1.63	N.A.	N.A.
MECHANICAL ENGINEERS	50	1.36	13.67	33.33
ALL OTHER ENGINEERS	10	0.27	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	70	1.89	N.A.	N.A.
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	40	1.08	0.00	12.12
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	30	0.81	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	30	0.81	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.54	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	170	4.60	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	20	0.54	4.96	18.18
SALES ENGINEERS	30	0.81	23.57	18.18
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	40	1.08	13.81	15.15
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	70	1.90	18.10	24.24
ALL OTHER SALES AND RELATED WORKERS	10	0.27	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	420	11.39	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.54	30.29	24.24
SECRETARIES	80	2.17	17.34	54.55

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	30	0.81	27.47	24.24
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	50	1.36	24.99	33.33
GENERAL OFFICE CLERKS	60	1.63	23.79	36.36
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	120	3.25	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	40	1.08	27.85	30.30
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	50	1.36	10.05	39.39
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	0.81	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	1.63	N.A.	N.A.
SERVICE OCCUPATIONS	40	1.08	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	40	1.08	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,420	65.73	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	120	3.26	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	120	3.26	11.61	51.52
PRECISION INSPECTORS, TESTERS, AND GRADERS	40	1.08	38.57	18.18
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	20	0.54	11.48	21.21
MECHANICS, INSTALLERS, AND REPAIRERS	40	1.08	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	40	1.08	17.54	33.33
PRECISION METAL WORKERS	780	21.23	N.A.	N.A.
TOOL AND DIE MAKERS	250	6.81	34.08	45.45
MACHINISTS	440	11.98	18.20	57.58
SHEET METAL WORKERS	80	2.17	40.28	18.18
ALL OTHER PRECISION METAL WORKERS	10	0.27	N.A.	N.A.
PRECISION WOODWORKERS	40	1.08	N.A.	N.A.
PATTERN AND MODEL MAKERS, WOOD	40	1.08	48.47	6.06
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	750	20.38	N.A.	N.A.
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	100	2.72	13.31	33.33
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	50	1.36	38.02	27.27
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	100	2.72	8.68	18.18

SIC 354 METALWORKING MACHINERY AND EQUIPMENT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	50	1.36	16.05	18.18
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	140	3.81	21.57	12.12
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	70	1.90	47.53	12.12
NUMERICAL CONTROL MACHINE TOOL OPERATORS & TENDERS, METAL & PLASTIC	30	0.81	38.30	15.15
WELDING MACHINE SETTERS AND SET-UP OPERATORS	80	2.17	17.42	18.18
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	30	0.81	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	100	2.72	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	50	1.35	N.A.	N.A.
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	10	0.27	4.93	9.09
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	40	1.08	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	40	1.08	N.A.	N.A.
MACHINE BUILDERS AND OTHER PRECISION MACHINE ASSEMBLERS	20	0.54	28.23	12.12
ALL OTHER PRECISION ASSEMBLERS, METAL	20	0.54	N.A.	N.A.
OTHER HAND WORKERS, NEC	310	8.42	N.A.	N.A.
WELDERS AND CUTTERS	70	1.90	36.79	24.24
GRINDING AND POLISHING WORKERS, HAND	40	1.08	14.31	12.12
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	170	4.63	10.22	24.24
ALL OTHER HAND WORKERS, NEC	30	0.81	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	10	0.27	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	10	0.27	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	50	1.36	20.31	18.18
HAND PACKERS AND PACKAGERS	30	0.81	38.45	9.09
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	40	1.08	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	50	1.36	N.A.	N.A.

SIC 355 SPECIAL INDSTRY MACHN, EXCPT METALWRKG
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,650	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	250	6.79	N.A.	N.A.
FINANCIAL MANAGERS	40	1.09	44.80	50.00
PURCHASING MANAGERS	10	0.27	28.74	35.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.54	26.44	25.00
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	40	1.09	25.45	40.00
ALL OTHER ADMINISTRATIVE MANAGERS	10	0.27	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	0.81	29.04	45.00
GENERAL MANAGERS AND TOP EXECUTIVES	80	2.18	19.86	70.00
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.54	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	430	11.66	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.54	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	50	1.36	20.27	55.00
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.54	N.A.	N.A.
ENGINEERS	150	4.07	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	30	0.81	20.19	35.00
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	20	0.54	49.27	20.00
MECHANICAL ENGINEERS	70	1.91	20.44	35.00
ALL OTHER ENGINEERS	30	0.81	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	130	3.53	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	20	0.54	39.14	20.00
DRAFTERS	80	2.18	21.07	40.00
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	30	0.81	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	20	0.54	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	20	0.54	34.42	10.00
COMPUTER SCIENTISTS AND RELATED WORKERS	40	1.08	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	10	0.27	14.43	20.00
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	30	0.81	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	170	4.62	N.A.	N.A.
SALES ENGINEERS	20	0.54	42.11	20.00
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	60	1.63	35.39	40.00
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	80	2.18	33.37	30.00

SIC 355 SPECIAL INDSTRY MACHN, EXCPT METALWRKG
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER SALES AND RELATED WORKERS	10	0.27	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	510	13.87	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	40	1.09	27.56	35.00
SECRETARIES	100	2.73	17.21	55.00
TYPISTS, WORD PROCESSING EQUIPMENT	10	0.27	27.34	25.00
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	10	0.27	43.39	15.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	60	1.63	17.88	55.00
GENERAL OFFICE CLERKS	50	1.36	41.16	25.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.54	N.A.	N.A.
SWITCHBOARD OPERATORS	10	0.27	27.55	35.00
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	160	4.35	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	60	1.63	25.33	45.00
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	60	1.63	22.48	50.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	40	1.09	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	1.36	N.A.	N.A.
SERVICE OCCUPATIONS	30	0.81	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	30	0.81	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,260	61.53	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	210	5.72	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	10	0.27	29.88	15.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	20	0.54	25.75	15.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	180	4.91	13.56	65.00
PRECISION INSPECTORS, TESTERS, AND GRADERS	60	1.63	14.19	30.00
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	20	0.54	36.73	20.00
MACHINERY MAINTENANCE MECHANICS	30	0.81	26.36	25.00

SIC 355 SPECIAL INDSTRY MACHN, EXCPT METALWRKG
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MAINTENANCE REPAIRERS, GENERAL UTILITY	30	0.81	19.86	35.00
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	60	1.63	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	80	2.17	N.A.	N.A.
ELECTRICIANS	30	0.81	28.88	25.00
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	50	1.36	33.60	15.00
PRECISION METAL WORKERS	420	11.47	N.A.	N.A.
MACHINISTS	320	8.74	30.41	55.00
ALL OTHER PRECISION METAL WORKERS	100	2.73	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	430	11.71	N.A.	N.A.
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	30	0.81	37.37	20.00
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	10	0.27	35.69	20.00
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.54	49.07	15.00
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	180	4.91	44.24	20.00
WELDING MACHINE OPERATORS AND TENDERS	40	1.09	38.95	10.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	100	2.73	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	50	1.36	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	140	3.80	N.A.	N.A.
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	20	0.54	3.82	10.00
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	30	0.81	49.37	10.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	40	1.09	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	50	1.36	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	230	6.26	N.A.	N.A.
MACHINE BUILDERS AND OTHER PRECISION MACHINE ASSEMBLERS	150	4.09	19.39	25.00
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS, PRECISION	30	0.81	30.85	20.00
ALL OTHER PRECISION ASSEMBLERS, METAL	50	1.36	N.A.	N.A.
OTHER HAND WORKERS, NEC	360	9.82	N.A.	N.A.
WELDERS AND CUTTERS	120	3.27	42.67	35.00
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	100	2.73	33.59	30.00
ALL OTHER HAND WORKERS, NEC	140	3.82	N.A.	N.A.

SIC 355 SPECIAL INDSTRY MACHN, EXCPT METALWRKG
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TRANSPORTATION EQUIPMENT OPERATORS	20	0.54	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	30	0.81	15.25	20.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	80	2.18	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	60	1.63	N.A.	N.A.

SIC 356 GENERAL INDUSTRIAL MACHINERY & EQUIPNT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	8,950	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	570	6.36	N.A.	N.A.
FINANCIAL MANAGERS	40	0.44	36.40	33.33
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.22	36.79	25.93
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	60	0.67	28.00	40.74
ALL OTHER ADMINISTRATIVE MANAGERS	40	0.44	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	110	1.23	27.40	55.56
GENERAL MANAGERS AND TOP EXECUTIVES	250	2.80	19.61	81.48
ALL OTHER MANAGERS AND ADMINISTRATORS	50	0.56	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	480	5.32	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	50	0.55	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	30	0.33	47.15	25.93
ALL OTHER FINANCIAL SPECIALISTS	20	0.22	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	60	0.67	45.52	40.74
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.22	33.45	25.93
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.44	N.A.	N.A.
ENGINEERS	120	1.34	N.A.	N.A.
MECHANICAL ENGINEERS	50	0.56	44.91	33.33
ALL OTHER ENGINEERS	70	0.78	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	130	1.44	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	30	0.33	45.08	14.81
DRAFTERS	60	0.67	40.92	29.63
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	0.44	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	40	0.44	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.22	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	210	2.33	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	30	0.33	32.44	22.22
SALES ENGINEERS	70	0.78	41.50	25.93
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	30	0.33	40.30	18.52
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	80	0.89	49.54	22.22

SIC 356 GENERAL INDUSTRIAL MACHINERY & EQUIPNT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	970	10.82	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	40	0.44	33.83	37.04
ADJUSTMENT CLERKS	30	0.33	44.95	22.22
SECRETARIES	240	2.69	28.78	62.96
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	50	0.56	40.49	25.93
PROCUREMENT CLERKS	10	0.11	45.41	14.81
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	110	1.23	36.87	48.15
GENERAL OFFICE CLERKS	40	0.44	45.90	37.04
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	40	0.44	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	20	0.22	49.71	22.22
ALL OTHER OFFICE MACHINE OPERATORS	20	0.22	N.A.	N.A.
SWITCHBOARD OPERATORS	20	0.22	47.13	14.81
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	290	3.24	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	60	0.67	33.68	33.33
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	110	1.23	24.84	40.74
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	120	1.34	22.58	51.85
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	100	1.12	N.A.	N.A.
SERVICE OCCUPATIONS	100	1.11	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	70	0.78	N.A.	N.A.
ALL OTHER SERVICE WORKERS	30	0.33	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	6,620	74.07	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	400	4.47	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	360	4.03	16.31	66.67
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	40	0.44	48.55	18.52
PRECISION INSPECTORS, TESTERS, AND GRADERS	120	1.34	34.74	33.33
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	220	2.46	34.73	44.44
MAINTENANCE REPAIRERS, GENERAL UTILITY	100	1.12	29.49	25.93
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	60	0.67	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	30	0.33	N.A.	N.A.

SIC 356 GENERAL INDUSTRIAL MACHINERY & EQUIPNT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ELECTRICIANS	30	0.33	26.56	14.81
PRECISION METAL WORKERS	640	7.16	N.A.	N.A.
TOOL AND DIE MAKERS	30	0.33	35.98	18.52
MACHINISTS	490	5.49	44.88	40.74
ALL OTHER PRECISION METAL WORKERS	120	1.34	N.A.	N.A.
PRECISION WORKERS, NEC	160	1.79	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	1,410	15.76	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	30	0.33	44.81	18.52
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	200	2.24	47.43	22.22
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	90	1.00	47.31	18.52
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	110	1.23	46.17	25.93
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	30	0.33	45.41	14.81
NUMERICAL CONTROL MACHINE TOOL OPERATORS & TENDERS, METAL & PLASTIC	170	1.90	34.07	18.52
WELDING MACHINE OPERATORS AND TENDERS	110	1.23	44.41	22.22
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	300	3.36	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	370	4.14	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	140	1.56	N.A.	N.A.
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	80	0.89	35.12	25.93
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	60	0.67	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	390	4.37	N.A.	N.A.
OTHER HAND WORKERS, NEC	1,760	19.72	N.A.	N.A.
WELDERS AND CUTTERS	100	1.12	47.00	22.22
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	1,390	15.58	30.23	37.04
ALL OTHER HAND WORKERS, NEC	270	3.02	N.A.	N.A.
MOTOR VEHICLE OPERATORS	20	0.22	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	20	0.22	33.02	18.52
ALL OTHER TRANSPORTATION AND RELATED WORKERS	10	0.11	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	220	2.46	N.A.	N.A.

SIC 356 GENERAL INDUSTRIAL MACHINERY & EQUIPNT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
HELPERS, LABORERS,& MATERIAL MOVERS, HAND-, EXCLUDE AGRICULTURE AND FORESTRY LABORERS...	480	5.38	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS..	460	5.15	N.A.	N.A.

SIC 357 OFFICE, COMPUTING, & ACCOUNTING EQUIPT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	20,170	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,900	9.36	N.A.	N.A.
FINANCIAL MANAGERS	150	0.74	9.48	74.19
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	80	0.39	11.49	45.16
PURCHASING MANAGERS	110	0.54	8.87	48.39
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	310	1.53	15.51	51.61
ADMINISTRATIVE SERVICES MANAGERS	50	0.24	25.16	22.58
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	410	2.03	11.85	61.29
INDUSTRIAL PRODUCTION MANAGERS	220	1.08	8.81	61.29
GENERAL MANAGERS AND TOP EXECUTIVES	350	1.73	5.92	90.32
ALL OTHER MANAGERS AND ADMINISTRATORS	220	1.08	33.26	19.35
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	6,640	32.73	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	240	1.18	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	170	0.84	9.59	58.06
ALL OTHER FINANCIAL SPECIALISTS	70	0.34	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	120	0.59	14.20	51.61
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	140	0.69	21.70	35.48
ALL OTHER MANAGEMENT SUPPORT WORKERS	130	0.64	N.A.	N.A.
ENGINEERS	2,260	11.16	N.A.	N.A.
CIVIL ENGINEERS, INCLUDING TRAFFIC	50	0.24	34.82	9.68
AGRICULTURAL ENGINEERS	10	0.04	4.35	3.23
ELECTRICAL AND ELECTRONIC ENGINEERS	1,600	7.92	16.35	70.97
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	360	1.78	14.63	35.48
MECHANICAL ENGINEERS	150	0.74	12.62	29.03
ALL OTHER ENGINEERS	90	0.44	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	2,290	11.31	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	1,290	6.38	8.29	67.74
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	180	0.89	27.01	22.58
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	320	1.58	25.69	25.81
DRAFTERS	220	1.08	9.03	54.84
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	280	1.38	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	20	0.09	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	980	4.83	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	320	1.58	19.08	38.71
COMPUTER PROGRAMMERS	640	3.16	10.70	54.84
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	20	0.09	N.A.	N.A.

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MATHEMATICAL SCIENTISTS AND RELATED WORKERS	80	0.39	N.A.	N.A.
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS, EXCEPT COMPUTER	80	0.39	42.12	16.13
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	10	0.04	16.67	22.58
WRITERS AND EDITORS	80	0.39	40.80	12.90
TECHNICAL WRITERS	70	0.34	23.69	35.48
DESIGNERS, EXCEPT INTERIOR DESIGNERS	70	0.34	25.10	12.90
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	150	0.74	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	810	3.99	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	240	1.18	13.69	35.48
SALES ENGINEERS	210	1.04	28.41	22.58
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	200	0.99	26.15	35.48
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	130	0.64	28.19	29.03
ALL OTHER SALES AND RELATED WORKERS	30	0.14	42.51	9.68
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	4,300	21.17	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	270	1.33	22.33	51.61
ADJUSTMENT CLERKS	90	0.44	24.16	19.35
SECRETARIES	770	3.81	8.61	70.97
RECEPTIONISTS AND INFORMATION CLERKS	70	0.34	36.46	25.81
TYPISTS, WORD PROCESSING EQUIPMENT	10	0.04	29.42	12.90
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	50	0.24	32.18	25.81
FILE CLERKS	70	0.34	27.86	29.03
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	110	0.54	28.33	29.03
PROCUREMENT CLERKS	100	0.49	29.15	35.48
STATISTICAL CLERKS	20	0.09	17.41	16.13
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	380	1.88	9.43	48.39
PAYROLL AND TIMEKEEPING CLERKS	120	0.59	45.79	22.58
BILLING, COST AND RATE CLERKS	80	0.39	36.68	12.90
GENERAL OFFICE CLERKS	850	4.21	16.69	51.61
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	300	1.48	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	160	0.79	18.78	41.94
ALL OTHER OFFICE MACHINE OPERATORS	140	0.69	N.A.	N.A.

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SWITCHBOARD OPERATORS	60	0.29	8.77	45.16
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	850	4.18	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	530	2.62	22.13	41.94
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	20	0.09	45.73	9.68
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	140	0.69	9.52	45.16
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	110	0.54	11.58	58.06
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	50	0.24	22.54	16.13
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	100	0.49	N.A.	N.A.
SERVICE OCCUPATIONS	340	1.66	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	20	0.09	23.81	12.90
GUARDS AND WATCH GUARDS	210	1.04	31.65	22.58
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	100	0.49	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	100	0.49	33.31	22.58
ALL OTHER SERVICE WORKERS	10	0.04	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	6,180	30.47	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	680	3.34	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	70	0.34	12.78	29.03
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	560	2.77	9.47	58.06
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	20	0.09	33.83	9.68
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	30	0.14	39.52	12.90
PRECISION INSPECTORS, TESTERS, AND GRADERS	410	2.03	10.02	51.61
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	430	2.12	19.19	29.03
MACHINERY MAINTENANCE MECHANICS	520	2.57	4.96	19.35
DATA PROCESSING EQUIPMENT REPAIRERS	180	0.89	33.65	16.13
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	180	0.89	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	20	0.09	N.A.	N.A.

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PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	20	0.09	39.47	9.68
PRECISION METAL WORKERS	90	0.42	N.A.	N.A.
TOOL AND DIE MAKERS	10	0.04	36.06	9.68
MACHINISTS	60	0.29	16.06	38.71
SHEET METAL WORKERS	20	0.09	29.40	12.90
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	100	0.49	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	1,030	5.10	N.A.	N.A.
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS, PRECISION	850	4.21	18.35	35.48
ALL OTHER PRECISION ASSEMBLERS, METAL	180	0.89	N.A.	N.A.
OTHER HAND WORKERS, NEC	2,210	10.93	N.A.	N.A.
MACHINE ASSEMBLERS	120	0.59	48.53	6.45
ELECTRICAL AND ELECTRONIC ASSEMBLERS	1,940	9.60	13.42	16.13
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	150	0.74	48.38	19.35
TRANSPORTATION EQUIPMENT OPERATORS	20	0.09	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	240	1.18	32.54	16.13
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	40	0.19	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	30	0.14	N.A.	N.A.

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TOTAL	16,270	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	920	5.62	N.A.	N.A.
FINANCIAL MANAGERS	80	0.49	13.79	55.17
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	40	0.24	8.18	34.48
PURCHASING MANAGERS	40	0.24	12.31	51.72
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	140	0.86	8.38	62.07
ADMINISTRATIVE SERVICES MANAGERS	10	0.06	35.17	17.24
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	130	0.80	16.37	48.28
INDUSTRIAL PRODUCTION MANAGERS	180	1.10	10.74	65.52
GENERAL MANAGERS AND TOP EXECUTIVES	240	1.47	16.52	82.76
ALL OTHER MANAGERS AND ADMINISTRATORS	60	0.36	22.08	27.59
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,500	9.13	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	120	0.73	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	90	0.55	13.93	34.48
ALL OTHER FINANCIAL SPECIALISTS	30	0.18	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	100	0.61	11.13	55.17
COST ESTIMATORS	40	0.24	34.89	27.59
ALL OTHER MANAGEMENT SUPPORT WORKERS	30	0.18	N.A.	N.A.
ENGINEERS	460	2.81	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	60	0.36	28.67	27.59
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	130	0.80	12.60	37.93
MECHANICAL ENGINEERS	230	1.41	22.02	37.93
ALL OTHER ENGINEERS	40	0.24	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	440	2.68	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	50	0.30	28.48	24.14
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	150	0.92	25.36	17.24
DRAFTERS	190	1.16	18.34	58.62
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	50	0.30	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	250	1.52	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	120	0.73	13.43	20.69
COMPUTER PROGRAMMERS	110	0.67	18.11	31.03
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	20	0.12	N.A.	N.A.
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	20	0.12	8.70	20.69
DESIGNERS, EXCEPT INTERIOR DESIGNERS	20	0.12	38.87	13.79

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %).	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.12	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,000	6.13	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	110	0.67	8.39	34.48
SALES ENGINEERS	20	0.12	29.04	13.79
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	410	2.52	1.76	10.34
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	180	1.10	24.70	44.83
ALL OTHER SALES AND RELATED WORKERS	280	1.72	3.56	17.24
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,560	9.51	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	80	0.49	22.32	34.48
ADJUSTMENT CLERKS	70	0.43	9.07	24.14
SECRETARIES	270	1.66	12.55	79.31
RECEPTIONISTS AND INFORMATION CLERKS	20	0.12	23.95	24.14
TYPISTS	20	0.12	28.10	20.69
TYPISTS, WORD PROCESSING EQUIPMENT	20	0.12	27.46	20.69
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	30	0.18	18.22	37.93
FILE CLERKS	30	0.18	20.25	27.59
PROCUREMENT CLERKS	20	0.12	23.39	27.59
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	260	1.60	13.90	68.97
PAYROLL AND TIMEKEEPING CLERKS	50	0.30	13.96	41.38
BILLING, COST AND RATE CLERKS	40	0.24	27.49	34.48
GENERAL OFFICE CLERKS	60	0.36	27.07	31.03
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	100	0.60	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	60	0.36	17.75	48.28
ALL OTHER OFFICE MACHINE OPERATORS	40	0.24	N.A.	N.A.
SWITCHBOARD OPERATORS	30	0.18	16.87	41.38
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	320	1.95	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	70	0.43	15.88	41.38
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	80	0.49	18.11	44.83
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	120	0.73	25.91	55.17
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	50	0.30	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	140	0.86	N.A.	N.A.

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SERVICE OCCUPATIONS	80	0.49	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	70	0.43	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.06	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	11,210	68.76	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	800	4.90	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	30	0.18	21.57	27.59
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	690	4.24	8.21	82.76
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	60	0.36	16.66	27.59
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	20	0.12	37.69	20.69
PRECISION INSPECTORS, TESTERS, AND GRADERS	190	1.16	14.04	41.38
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	130	0.80	28.38	31.03
MACHINERY MAINTENANCE MECHANICS	120	0.73	21.18	24.14
MAINTENANCE REPAIRERS, GENERAL UTILITY	190	1.16	9.75	51.72
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	210	1.29	43.51	24.14
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	20	0.12	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	10	0.06	N.A.	N.A.
CARPENTERS	10	0.06	48.15	10.34
PRECISION METAL WORKERS	650	3.98	N.A.	N.A.
TOOL AND DIE MAKERS	160	0.98	10.65	41.38
MACHINISTS	140	0.86	28.88	44.83
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	20	0.12	20.27	24.14
SHEET METAL WORKERS	300	1.84	30.51	31.03
ALL OTHER PRECISION METAL WORKERS	30	0.18	N.A.	N.A.
PRECISION WOODWORKERS	20	0.12	N.A.	N.A.
PATTERN AND MODEL MAKERS, WOOD	20	0.12	0.00	3.45
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	2,430	14.88	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.12	46.01	13.79

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PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	160	0.98	24.87	27.59
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	190	1.16	46.17	37.93
SHEAR AND SLITTER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	40	0.24	23.89	31.03
FORGING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	150	0.92	0.00	3.45
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	520	3.20	34.02	31.03
NUMERICAL CONTROL MACHINE TOOL OPERATORS & TENDERS, METAL & PLASTIC	50	0.30	22.67	27.59
COMBINATION MACHINE TOOL OPERATORS AND TENDERS, METAL AND PLASTIC	210	1.29	17.20	6.90
WELDING MACHINE SETTERS AND SET-UP OPERATORS	60	0.36	23.62	20.69
WELDING MACHINE OPERATORS AND TENDERS	30	0.18	42.46	13.79
SOLDERING AND BRAZING MACHINE OPERATORS AND TENDERS	430	2.64	20.05	17.24
METAL MOLDING, COREMAKING, & CASTING MACHINE SETTERS AND SET-UP OPERATORS	20	0.12	0.00	3.45
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	230	1.41	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	320	1.96	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	390	2.39	N.A.	N.A.
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	110	0.67	37.53	27.59
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	130	0.80	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	150	0.92	N.A.	N.A.
OTHER HAND WORKERS, NEC	4,760	29.27	N.A.	N.A.
MACHINE ASSEMBLERS	520	3.20	30.92	31.03
ELECTRICAL AND ELECTRONIC ASSEMBLERS	280	1.72	21.56	44.83
COIL WINDERS, TAPERS, AND FINISHERS	70	0.43	4.00	10.34
WELDERS AND CUTTERS	480	2.95	30.67	41.38
SOLDERERS AND BRAZERS	760	4.67	15.96	37.93
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	2,580	15.87	11.35	65.52
ALL OTHER HAND WORKERS, NEC	70	0.43	N.A.	N.A.
MOTOR VEHICLE OPERATORS	40	0.24	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	40	0.24	34.65	34.48
ALL OTHER TRANSPORTATION AND RELATED WORKERS	90	0.55	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	260	1.59	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	90	0.55	22.12	17.24

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CONVEYOR OPERATORS AND TENDERS	90	0.55	0.00	3.45
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	80	0.49	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	210	1.29	20.88	44.83
HAND PACKERS AND PACKAGERS	60	0.36	32.27	20.69
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	290	1.78	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	340	2.09	N.A.	N.A.

SIC 359 MISC. MACHINERY, EXCEPT ELECTRICAL
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	16,330	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,410	8.61	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	390	2.38	N.A.	N.A.
GENERAL MANAGERS AND TOP EXECUTIVES	890	5.44	18.46	59.68
ALL OTHER MANAGERS AND ADMINISTRATORS	130	0.79	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	700	4.25	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	260	1.59	35.99	32.26
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.12	N.A.	N.A.
ENGINEERS	80	0.48	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	220	1.34	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	40	0.24	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	80	0.48	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	180	1.10	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,690	10.30	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	200	1.22	41.19	16.13
SECRETARIES	420	2.56	28.26	37.10
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	430	2.62	25.50	35.48
GENERAL OFFICE CLERKS	330	2.01	31.29	24.19
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	190	1.16	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	120	0.73	N.A.	N.A.
SERVICE OCCUPATIONS	180	1.10	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	180	1.10	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	180	1.10	41.47	19.35
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	12,170	74.35	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	810	4.95	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	810	4.95	20.18	51.61

SIC 359 MISC. MACHINERY, EXCEPT ELECTRICAL
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	120	0.73	43.61	11.29
MAINTENANCE REPAIRERS, GENERAL UTILITY	260	1.59	43.70	16.13
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	100	0.61	N.A.	N.A.
PRECISION METAL WORKERS	4,690	28.67	N.A.	N.A.
MACHINISTS	4,180	25.56	17.20	74.19
ALL OTHER PRECISION METAL WORKERS	510	3.11	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	3,110	19.00	N.A.	N.A.
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	220	1.34	48.77	9.68
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	650	3.97	46.40	11.29
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	1,360	8.31	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	880	5.38	N.A.	N.A.
OTHER HAND WORKERS, NEC	1,530	9.34	N.A.	N.A.
MACHINE ASSEMBLERS	60	0.36	44.64	4.84
WELDERS AND CUTTERS	840	5.13	30.96	37.10
ALL OTHER HAND WORKERS, NEC	630	3.85	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	150	0.91	N.A.	N.A.
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	640	3.91	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	760	4.64	N.A.	N.A.

SIC 36   ELECTRICAL/ELECTRONIC MACH EQUIP
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	117,090	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	7,940	6.74	N.A.	N.A.
FINANCIAL MANAGERS	720	0.61	7.66	57.92
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	410	0.35	4.32	49.18
PURCHASING MANAGERS	360	0.30	4.45	41.53
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	800	0.68	7.16	38.25
ADMINISTRATIVE SERVICES MANAGERS	280	0.23	8.14	23.50
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	2,020	1.72	3.24	47.54
INDUSTRIAL PRODUCTION MANAGERS	1,180	1.00	5.03	61.75
GENERAL MANAGERS AND TOP EXECUTIVES	1,300	1.11	6.24	84.70
ALL OTHER MANAGERS AND ADMINISTRATORS	870	0.74	6.18	31.15
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	41,910	35.61	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	1,390	1.17	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	1,030	0.87	6.42	40.98
BUDGET ANALYSTS	160	0.13	7.10	14.75
ALL OTHER FINANCIAL SPECIALISTS	200	0.17	13.56	13.11
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	750	0.64	5.51	53.01
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	460	0.39	5.29	29.51
COST ESTIMATORS	170	0.14	5.81	15.30
ALL OTHER MANAGEMENT SUPPORT WORKERS	440	0.37	6.18	18.03
ENGINEERS	16,500	14.06	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	150	0.12	7.44	10.38
CHEMICAL ENGINEERS	30	0.02	15.02	6.56
CIVIL ENGINEERS, INCLUDING TRAFFIC	500	0.42	3.67	8.20
ELECTRICAL AND ELECTRONIC ENGINEERS	11,490	9.81	1.13	50.82
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	2,190	1.87	2.85	37.16
SAFETY ENGINEERS, EXCEPT MINING	130	0.11	5.01	13.66
MECHANICAL ENGINEERS	1,370	1.17	6.25	39.89
ALL OTHER ENGINEERS	640	0.54	5.00	15.30
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	16,600	14.15	N.A.	N.A.
CIVIL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	170	0.14	11.78	6.01
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	7,480	6.38	1.90	50.27
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	1,430	1.22	4.06	13.66
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	2,580	2.20	4.36	19.67
DRAFTERS	1,990	1.69	4.78	43.72
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	2,950	2.52	4.33	19.13

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PHYSICAL SCIENTISTS	90	0.06	N.A.	N.A.
CHEMISTS, EXCEPT BIOCHEMISTS	70	0.05	14.00	8.20
ALL OTHER PHYSICAL SCIENTISTS	20	0.01	N.A.	N.A.
LIFE SCIENTISTS	40	0.03	32.52	1.09
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	280	0.23	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	260	0.22	7.20	9.29
ALL OTHER PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	20	0.01	27.35	1.09
COMPUTER SCIENTISTS AND RELATED WORKERS	3,520	2.99	N.A.	N.A.
COMPUTER PROGRAMMERS	1,180	1.00	8.81	29.51
COMPUTER PROGRAMMER AIDES	60	0.05	24.21	8.74
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	2,280	1.94	N.A.	N.A.
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	510	0.43	N.A.	N.A.
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS, EXCEPT COMPUTER	510	0.43	7.49	6.56
LAWYERS	100	0.08	16.60	6.56
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	80	0.06	4.50	17.49
WRITERS AND EDITORS	70	0.05	6.23	4.92
TECHNICAL WRITERS	300	0.25	9.94	15.85
DESIGNERS, EXCEPT INTERIOR DESIGNERS	210	0.17	17.01	14.21
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	400	0.34	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,650	1.38	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	330	0.28	11.26	19.67
SALES ENGINEERS	450	0.38	10.99	18.03
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	500	0.42	9.68	19.13
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	160	0.13	29.82	12.02
ALL OTHER SALES AND RELATED WORKERS	210	0.17	14.14	12.02
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	15,670	13.24	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	550	0.46	7.[illegible]	41.53
ADJUSTMENT CLERKS	170	0.14	16.75	16.39
SECRETARIES	2,450	2.09	3.05	67.76
RECEPTIONISTS AND INFORMATION CLERKS	140	0.11	8.59	32.24

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TYPISTS	400	0.34	15.44	18.03
TYPISTS, WORD PROCESSING EQUIPMENT	150	0.12	7.74	13.11
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	190	0.16	6.26	27.87
FILE CLERKS	160	0.13	5.88	11.48
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	310	0.26	12.18	26.78
PROCUREMENT CLERKS	240	0.20	5.32	27.87
STATISTICAL CLERKS	90	0.07	5.42	10.38
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	1,620	1.38	3.78	59.02
PAYROLL AND TIMEKEEPING CLERKS	160	0.13	7.04	33.88
BILLING, COST AND RATE CLERKS	100	0.08	12.95	15.85
GENERAL OFFICE CLERKS	2,160	1.84	3.11	42.08
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	1,310	1.10	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	800	0.68	2.68	22.40
PERIPHERAL EDP EQUIPMENT OPERATORS	50	0.04	25.03	3.28
DATA ENTRY KEYERS, EXCEPT COMPOSING	390	0.33	6.75	32.24
ALL OTHER OFFICE MACHINE OPERATORS	70	0.05	5.17	5.46
SWITCHBOARD OPERATORS	210	0.17	5.83	26.23
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	5,120	4.35	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	2,940	2.51	2.58	47.54
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	20	0.01	24.33	3.83
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	1,140	0.97	5.07	50.82
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	910	0.77	6.62	57.92
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	110	0.09	24.41	7.10
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	140	0.11	N.A.	N.A.
SERVICE OCCUPATIONS	1,460	1.21	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	100	0.08	11.66	10.93
GUARDS AND WATCH GUARDS	490	0.41	4.64	14.21
FOOD AND BEVERAGE PREPARATION AND SERVICE WORKERS	10	0.00	0.00	1.09
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	860	0.72	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	840	0.71	3.88	33.88
ALL OTHER CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.01	26.90	3.83
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	10	0.00	12.56	2.73
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	48,450	40.95	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	4,300	3.64	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	550	0.46	4.79	31.69
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	3,530	3.01	11.56	68.31
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	110	0.09	21.31	14.75
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	80	0.06	21.16	13.11
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	30	0.02	27.49	6.56
PRECISION INSPECTORS, TESTERS, AND GRADERS	2,480	2.11	8.76	34.97
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	2,090	1.78	5.51	46.99
MACHINERY MAINTENANCE MECHANICS	1,390	1.18	5.63	27.32
MACHINERY MAINTENANCE WORKERS	90	0.07	6.62	10.38
MAINTENANCE REPAIRERS, GENERAL UTILITY	450	0.38	9.26	33.88
DATA PROCESSING EQUIPMENT REPAIRERS	540	0.46	13.66	6.01
ELECTRIC MOTOR, TRANSFORMER, AND RELATED REPAIRERS	60	0.05	48.91	2.19
ELECTRONICS REPAIRERS, COMMERCIAL AND INDUSTRIAL EQUIPMENT	290	0.24	19.27	7.65
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	40	0.03	11.53	4.92
PRECISION INSTRUMENT REPAIRERS	340	0.29	15.26	8.20
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	340	0.29	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	220	0.17	N.A.	N.A.
CARPENTERS	30	0.02	17.10	3.83
ELECTRICIANS	120	0.10	26.67	15.30
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	70	0.05	22.81	6.01
PRECISION METAL WORKERS	3,510	2.97	N.A.	N.A.
TOOL AND DIE MAKERS	290	0.24	16.58	20.22
MACHINISTS	2,120	1.81	9.19	29.51
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	240	0.20	12.70	6.01
PRECISION LAYOUT WORKERS, METAL	70	0.05	42.12	3.28
SHEET METAL WORKERS	750	0.64	10.46	13.11
ALL OTHER PRECISION METAL WORKERS	40	0.03	10.29	3.28
PRECISION WORKERS, NEC	100	0.08	48.49	3.28
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	3,140	2.56	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	40	0.03	38.74	3.83
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	60	0.05	27.13	3.28
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	240	0.20	49.34	4.37
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	40	0.03	26.22	2.19
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	80	0.06	33.49	4.37
PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	120	0.10	15.45	6.01
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	160	0.13	41.65	4.37
SHEAR AND SLITTER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	80	0.06	17.46	6.01
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	280	0.23	8.31	7.10
NUMERICAL CONTROL MACHINE TOOL OPERATORS & TENDERS, METAL & PLASTIC	250	0.21	26.66	9.29
COMBINATION MACHINE TOOL SETTERS & SET-UP OPERATORS, METAL & PLASTIC	100	0.08	37.32	2.19
COMBINATION MACHINE TOOL OPERATORS AND TENDERS, METAL AND PLASTIC	100	0.08	34.26	4.92
WELDING MACHINE SETTERS AND SET-UP OPERATORS	120	0.10	24.97	6.01
WELDING MACHINE OPERATORS AND TENDERS	90	0.07	33.29	4.92
SOLDERING AND BRAZING MACHINE OPERATORS AND TENDERS	110	0.09	35.10	5.46
PLASTIC MOLDING & CASTING MACHINE SETTERS & SET-UP OPERATORS	390	0.33	13.78	9.29
PLASTIC MOLDING AND CASTING MACHINE OPERATORS AND TENDERS	180	0.15	37.37	6.56
METAL MOLDING, COREMAKING, & CASTING MACHINE SETTERS AND SET-UP OPERATORS	30	0.02	24.89	1.64
METAL MOLDING, COREMAKING, AND CASTING MACHINE OPERATORS AND TENDERS	90	0.07	28.15	3.83
ELECTROLYTIC PLATING AND COATING MACHINE SETTERS AND SET-UP OPERATORS, AND METAL PLASTIC	100	0.08	32.83	4.92
ELECTROLYTIC PLATING AND COATING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	180	0.15	25.57	9.29
HEATING EQUIPMENT SETTERS & SET-UP OPERATORS, METAL AND PLASTIC	50	0.04	24.75	1.64
HEAT TREATING, ANNEALING, AND TEMPERING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	40	0.03	43.17	2.73
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	150	0.12	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	60	0.05	N.A.	N.A.

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	3,890	3.28	N.A.	N.A.
PRINTING PRESS MACHINE SETTERS AND SET-UP OPERATORS	170	0.14	12.79	6.56
PRINTING AND RELATED SETTERS AND SET-UP OPERATORS	150	0.12	N.A.	N.A.
PRINTING PRESS MACHINE OPERATORS AND TENDERS	20	0.01	35.00	3.28
ELECTRONIC SEMICONDUCTOR PROCESSORS	2,320	1.98	15.30	10.93
COATING, PAINTING, & SPRAYING MACHINE SETTERS & SET-UP OPERATORS	120	0.10	20.95	10.93
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	190	0.16	12.09	7.65
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	20	0.01	25.45	2.73
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	40	0.03	16.91	4.37
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	270	0.23	14.05	6.56
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	110	0.09	8.85	4.92
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	630	0.53	12.35	9.29
PRECISION ASSEMBLERS, METAL	8,590	7.32	N.A.	N.A.
MACHINE BUILDERS AND OTHER PRECISION MACHINE ASSEMBLERS	470	0.40	21.91	7.10
ELECTROMECHANICAL EQUIPMENT ASSEMBLERS, PRECISION	1,330	1.13	26.19	13.11
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS, PRECISION	6,550	5.59	9.13	28.42
ALL OTHER PRECISION ASSEMBLERS, METAL	240	0.20	19.94	2.19
OTHER HAND WORKERS, NEC	11,500	9.79	N.A.	N.A.
MACHINE ASSEMBLERS	160	0.13	43.76	2.19
ELECTRICAL AND ELECTRONIC ASSEMBLERS	6,350	5.42	10.31	39.34
COIL WINDERS, TAPERS, AND FINISHERS	170	0.14	29.30	6.56
WELDERS AND CUTTERS	170	0.14	25.65	13.66
GRINDING AND POLISHING WORKERS, HAND	150	0.12	29.74	4.37
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	3,840	3.28	11.66	34.43
ALL OTHER HAND WORKERS, NEC	660	0.56	N.A.	N.A.
PLANT AND SYSTEM WORKERS	40	0.03	8.21	3.28
MOTOR VEHICLE OPERATORS	260	0.21	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	90	0.07	22.18	7.65
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	170	0.14	29.91	14.21
ALL OTHER TRANSPORTATION AND RELATED WORKERS	10	0.00	14.01	2.19
MATERIAL MOVING EQUIPMENT OPERATORS	220	0.17	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	140	0.11	13.28	11.48
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	80	0.06	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	40	0.03	10.30	6.56
MACHINE FEEDERS AND OFFBEARERS	560	0.47	15.26	6.56

SIC 36   ELECTRICAL/ELECTRONIC MACH EQUIP
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	1,260	1.07	7.57	25.14
HAND PACKERS AND PACKAGERS	350	0.29	13.95	14.75
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	2,050	1.75	4.66	22.95
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	150	0.12	N.A.	N.A.

SIC 361 ELECTRIC TRANSMISSION & DISTRIBN EQUIP
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,500	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	150	6.03	N.A.	N.A.
FINANCIAL MANAGERS	20	0.80	28.87	55.56
ALL OTHER ADMINISTRATIVE MANAGERS	40	1.61	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	40	1.61	26.11	44.44
GENERAL MANAGERS AND TOP EXECUTIVES	40	1.61	14.10	88.89
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.40	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	240	9.64	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	30	1.20	N.A.	N.A.
ENGINEERS	90	3.62	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	80	3.22	29.80	66.67
ALL OTHER ENGINEERS	10	0.40	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	100	4.02	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	40	1.61	25.13	38.89
DRAFTERS	40	1.61	31.66	38.89
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	0.80	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.80	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	40	1.60	N.A.	N.A.
SALES ENGINEERS	10	0.40	33.30	22.22
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	20	0.80	41.70	22.22
ALL OTHER SALES AND RELATED WORKERS	10	0.40	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	340	13.66	N.A.	N.A.
SECRETARIES	40	1.61	10.69	66.67
RECEPTIONISTS AND INFORMATION CLERKS	10	0.40	29.80	33.33
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	20	0.80	24.68	16.67
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	20	0.80	20.41	55.56
GENERAL OFFICE CLERKS	20	0.80	31.48	22.22
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	160	6.43	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	50	2.01	8.62	44.44
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	80	3.22	8.62	50.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	1.20	N.A.	N.A.

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	70	2.82	N.A.	N.A.
SERVICE OCCUPATIONS	10	0.40	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,720	69.17	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	50	2.01	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	40	1.61	13.26	27.78
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	10	0.40	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	30	1.20	8.17	27.78
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	20	0.80	37.53	33.33
MECHANICS, INSTALLERS, AND REPAIRERS	20	0.80	N.A.	N.A.
PRECISION METAL WORKERS	90	3.61	N.A.	N.A.
MACHINISTS	20	0.80	41.88	16.67
PRECISION LAYOUT WORKERS, METAL	20	0.80	36.32	5.56
ALL OTHER PRECISION METAL WORKERS	50	2.01	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	450	18.06	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	10	0.40	1.42	11.11
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	80	3.22	1.42	11.11
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.80	1.44	11.11
PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	40	1.61	1.77	16.67
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	30	1.20	1.44	11.11
SHEAR AND SLITTER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.80	3.52	16.67
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	60	2.41	1.42	11.11
COMBINATION MACHINE TOOL OPERATORS AND TENDERS, METAL AND PLASTIC	20	0.80	40.59	5.56
WELDING MACHINE SETTERS AND SET-UP OPERATORS	40	1.61	27.36	16.67
WELDING MACHINE OPERATORS AND TENDERS	30	1.20	37.32	5.56
PLASTIC MOLDING AND CASTING MACHINE OPERATORS AND TENDERS	40	1.61	40.41	5.56
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	30	1.20	N.A.	N.A.

SIC 361 ELECTRIC TRANSMISSION & DISTRIBN EQUIP
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	30	1.20	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	60	2.41	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	450	18.14	N.A.	N.A.
ELECTROMECHANICAL EQUIPMENT ASSEMBLERS, PRECISION	250	10.08	2.95	16.67
ALL OTHER PRECISION ASSEMBLERS, METAL	200	8.06	N.A.	N.A.
OTHER HAND WORKERS, NEC	490	19.74	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ASSEMBLERS	220	8.87	16.74	38.89
COIL WINDERS, TAPERS, AND FINISHERS	40	1.61	42.64	22.22
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	200	8.06	47.86	22.22
ALL OTHER HAND WORKERS, NEC	30	1.20	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	20	0.80	N.A.	N.A.
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	20	0.80	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.80	N.A.	N.A.

SIC 362 ELECTRICAL INDUSTRIAL APPARATUS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,340	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	270	8.10	N.A.	N.A.
FINANCIAL MANAGERS	20	0.60	29.49	38.89
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	20	0.60	20.81	22.22
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	50	1.50	28.21	50.00
ALL OTHER ADMINISTRATIVE MANAGERS	20	0.60	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	60	1.80	15.63	50.00
GENERAL MANAGERS AND TOP EXECUTIVES	80	2.40	34.92	66.67
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.60	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	470	14.12	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	50	1.50	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.60	N.A.	N.A.
ENGINEERS	140	4.21	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	90	2.71	16.58	50.00
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	20	0.60	15.96	22.22
MECHANICAL ENGINEERS	20	0.60	13.95	33.33
ALL OTHER ENGINEERS	10	0.30	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	220	6.61	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	110	3.31	24.95	44.44
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	10	0.30	29.61	16.67
DRAFTERS	80	2.40	21.04	44.44
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	0.60	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	30	0.90	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	10	0.30	14.85	22.22
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	20	0.60	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	10	0.30	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	110	3.30	N.A.	N.A.
SALES ENGINEERS	40	1.20	18.15	27.78
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	30	0.90	45.19	16.67
ALL OTHER SALES AND RELATED WORKERS	40	1.20	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	480	14.41	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.60	24.31	33.33

SIC 362 ELECTRICAL INDUSTRIAL APPARATUS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SECRETARIES	90	2.71	15.84	72.22
RECEPTIONISTS AND INFORMATION CLERKS	20	0.60	33.43	27.78
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	20	0.60	31.87	27.78
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	70	2.10	17.01	66.67
GENERAL OFFICE CLERKS	30	0.90	26.14	44.44
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.60	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	150	4.50	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	60	1.80	11.37	44.44
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	40	1.20	29.27	33.33
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	50	1.50	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	1.80	N.A.	N.A.
SERVICE OCCUPATIONS	30	0.90	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	30	0.90	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,980	59.54	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	120	3.61	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	100	3.01	20.24	61.11
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.60	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	60	1.80	26.32	22.22
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	90	2.71	24.07	44.44
MACHINERY MAINTENANCE MECHANICS	50	1.50	43.55	27.78
MAINTENANCE REPAIRERS, GENERAL UTILITY	30	0.90	27.71	33.33
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	110	3.31	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	20	0.60	N.A.	N.A.
ELECTRICIANS	20	0.60	47.39	27.78
PRECISION METAL WORKERS	250	7.52	N.A.	N.A.
MACHINISTS	90	2.71	42.61	38.89
SHEET METAL WORKERS	140	4.21	24.80	33.33
ALL OTHER PRECISION METAL WORKERS	20	0.60	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	220	6.60	N.A.	N.A.

SIC 362 ELECTRICAL INDUSTRIAL APPARATUS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	40	1.20	12.75	16.67
COMBINATION MACHINE TOOL SETTERS & SET-UP OPERATORS, METAL & PLASTIC	50	1.50	21.02	5.56
COMBINATION MACHINE TOOL OPERATORS AND TENDERS, METAL AND PLASTIC	20	0.60	22.87	16.67
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	60	1.80	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	50	1.50	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	160	4.81	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	270	8.13	N.A.	N.A.
OTHER HAND WORKERS, NEC	520	15.65	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ASSEMBLERS	360	10.84	22.72	38.89
ALL OTHER HAND WORKERS, NEC	160	4.81	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	30	0.90	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	30	0.90	16.51	16.67
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	20	0.60	26.74	16.67
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	20	0.60	21.27	5.56
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	10	0.30	N.A.	N.A.

SIC 364 ELECTRIC LIGHTING AND WIRING EQUIPMENT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,590	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	240	6.65	N.A.	N.A.
FINANCIAL MANAGERS	30	0.83	38.39	40.00
PURCHASING MANAGERS	10	0.27	24.47	30.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	30	0.83	19.08	30.00
ALL OTHER ADMINISTRATIVE MANAGERS	30	0.83	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	0.83	25.74	50.00
GENERAL MANAGERS AND TOP EXECUTIVES	80	2.23	22.44	80.00
ALL OTHER MANAGERS AND ADMINISTRATORS	30	0.83	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	240	6.63	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.55	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	20	0.55	23.42	35.00
ALL OTHER MANAGEMENT SUPPORT WORKERS	30	0.83	N.A.	N.A.
ENGINEERS	70	1.94	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	40	1.11	31.60	25.00
ALL OTHER ENGINEERS	30	0.83	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	60	1.66	N.A.	N.A.
DRAFTERS	30	0.83	20.49	35.00
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	30	0.83	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	10	0.27	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.83	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	50	1.39	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	440	12.20	N.A.	N.A.
SECRETARIES	50	1.39	20.93	60.00
RECEPTIONISTS AND INFORMATION CLERKS	10	0.27	31.28	40.00
TYPISTS	10	0.27	33.56	25.00
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	20	0.55	42.89	20.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	1.11	30.08	55.00
GENERAL OFFICE CLERKS	60	1.67	32.21	30.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.55	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	180	5.00	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	40	1.11	8.97	40.00

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	60	1.67	33.25	45.00
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	50	1.39	21.37	65.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	0.83	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	1.39	N.A.	N.A.
SERVICE OCCUPATIONS	20	0.55	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.55	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,600	72.47	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	140	3.90	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	120	3.35	14.40	65.00
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.55	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	60	1.67	18.38	50.00
MAINTENANCE REPAIRERS, GENERAL UTILITY	50	1.39	30.72	40.00
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	30	0.83	N.A.	N.A.
PRECISION METAL WORKERS	70	1.95	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	330	9.17	N.A.	N.A.
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	40	1.11	48.10	15.00
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	40	1.11	39.66	15.00
COMBINATION MACHINE TOOL SETTERS & SET-UP OPERATORS, METAL & PLASTIC	20	0.55	42.99	10.00
WELDING MACHINE SETTERS AND SET-UP OPERATORS	40	1.11	46.43	20.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	30	0.83	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	160	4.46	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	70	1.93	N.A.	N.A.
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	40	1.11	33.87	15.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	10	0.27	N.A.	N.A.

SIC 364 ELECTRIC LIGHTING AND WIRING EQUIPMENT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	20	0.55	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	220	6.14	N.A.	N.A.
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS, PRECISION	220	6.14	39.68	10.00
OTHER HAND WORKERS, NEC	1,100	30.71	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ASSEMBLERS	360	10.05	42.14	35.00
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	520	14.52	16.40	65.00
ALL OTHER HAND WORKERS, NEC	220	6.14	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	80	2.23	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	50	1.39	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	40	1.11	22.52	20.00
HAND PACKERS AND PACKAGERS	80	2.23	39.98	40.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	140	3.91	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	140	3.91	N.A.	N.A.

SIC 365 RADIO & TV RECVG EQUIP EXCEPT COMMUNCT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,720	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	150	8.70	N.A.	N.A.
FINANCIAL MANAGERS	10	0.58	19.63	38.46
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	10	0.58	0.00	15.38
PURCHASING MANAGERS	30	1.74	0.00	15.38
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	20	1.16	12.94	23.08
INDUSTRIAL PRODUCTION MANAGERS	20	1.16	9.64	30.77
GENERAL MANAGERS AND TOP EXECUTIVES	50	2.90	8.22	84.62
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.58	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	410	23.79	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	50	2.90	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	1.16	N.A.	N.A.
ENGINEERS	150	8.70	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	50	2.90	4.56	23.08
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	30	1.74	0.00	15.38
MECHANICAL ENGINEERS	70	4.06	0.00	15.38
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	150	8.71	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	100	5.81	9.68	38.46
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	30	1.74	0.00	15.38
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	1.16	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	20	1.16	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	1.16	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	30	1.74	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	30	1.74	39.00	46.15
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	220	12.76	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	1.16	0.00	15.38
SECRETARIES	50	2.90	12.69	76.92
GENERAL OFFICE CLERKS	50	2.90	10.27	38.46
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	1.16	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	20	1.16	0.00	15.38
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	60	3.48	N.A.	N.A.

SIC 365 RADIO & TV RECVG EQUIP EXCEPT COMMUNCT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	40	2.32	11.04	38.46
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	1.16	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	20	1.16	N.A.	N.A.
SERVICE OCCUPATIONS	20	1.16	N.A.	N.A.
GUARDS AND WATCH GUARDS	10	0.58	0.00	15.38
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	10	0.58	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	10	0.58	29.04	30.77
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	890	51.68	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	80	4.65	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	30	1.74	0.00	15.38
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	60	3.48	0.00	7.69
MACHINERY MAINTENANCE WORKERS	30	1.74	0.00	7.69
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	20	1.16	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	40	2.32	N.A.	N.A.
OTHER HAND WORKERS, NEC	470	27.31	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ASSEMBLERS	80	4.65	0.00	15.38
SOLDERERS AND BRAZERS	60	3.48	0.00	7.69
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	330	19.18	4.33	30.77
MACHINE FEEDERS AND OFFBEARERS	20	1.16	0.00	7.69
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	40	2.32	8.67	15.38
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	60	3.48	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	40	2.32	N.A.	N.A.

SIC 366 COMMUNICATION EQUIPMENT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	36,650	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	2,810	7.61	N.A.	N.A.
FINANCIAL MANAGERS	210	0.57	3.00	83.78
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	140	0.38	5.97	67.57
PURCHASING MANAGERS	80	0.21	8.03	59.46
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	300	0.81	9.61	67.57
ADMINISTRATIVE SERVICES MANAGERS	160	0.43	4.75	45.95
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	640	1.74	4.39	72.97
INDUSTRIAL PRODUCTION MANAGERS	220	0.59	6.93	75.68
GENERAL MANAGERS AND TOP EXECUTIVES	430	1.17	11.10	91.89
ALL OTHER MANAGERS AND ADMINISTRATORS	630	1.71	7.05	54.05
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	14,110	38.32	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	520	1.40	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	340	0.92	6.58	75.68
BUDGET ANALYSTS	90	0.24	9.77	32.43
ALL OTHER FINANCIAL SPECIALISTS	90	0.24	5.73	21.62
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	290	0.79	6.61	75.68
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	170	0.46	7.51	54.05
COST ESTIMATORS	130	0.35	5.71	32.43
ALL OTHER MANAGEMENT SUPPORT WORKERS	300	0.81	4.37	35.14
ENGINEERS	4,860	13.22	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	40	0.10	27.07	10.81
CHEMICAL ENGINEERS	10	0.02	26.53	10.81
CIVIL ENGINEERS, INCLUDING TRAFFIC	70	0.19	11.25	18.92
ELECTRICAL AND ELECTRONIC ENGINEERS	3,460	9.43	3.01	78.38
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	500	1.36	5.85	62.16
SAFETY ENGINEERS, EXCEPT MINING	60	0.16	8.92	27.03
MECHANICAL ENGINEERS	580	1.58	13.79	72.97
ALL OTHER ENGINEERS	140	0.38	11.50	27.03
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	4,780	13.00	N.A.	N.A.
CIVIL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	80	0.21	26.40	13.51
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	2,320	6.32	3.52	83.78
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	220	0.59	12.57	24.32
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	400	1.09	7.85	40.54
DRAFTERS	720	1.96	5.24	70.27
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	1,040	2.83	3.16	35.14

SIC 366 COMMUNICATION EQUIPMENT
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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR * (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PHYSICAL SCIENTISTS	20	0.05	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	70	0.19	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	70	0.19	20.89	10.81
COMPUTER SCIENTISTS AND RELATED WORKERS	1,970	5.36	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	1,460	3.98	0.66	43.24
COMPUTER PROGRAMMERS	460	1.25	7.15	56.76
COMPUTER PROGRAMMER AIDES	20	0.05	35.98	13.51
PROGRAMMERS- NUMERICAL, TOOL, AND PROCESS CONTROL	30	0.08	21.81	5.41
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	200	0.54	N.A.	N.A.
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS, EXCEPT COMPUTER	200	0.54	0.95	13.51
LAWYERS	10	0.02	8.63	13.51
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	20	0.05	9.91	29.73
TECHNICAL WRITERS	220	0.59	5.66	40.54
DESIGNERS, EXCEPT INTERIOR DESIGNERS	160	0.43	19.94	35.14
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	390	1.06	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	560	1.50	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	130	0.35	20.38	35.14
SALES ENGINEERS	120	0.32	32.14	27.03
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	260	0.70	10.06	35.14
ALL OTHER SALES AND RELATED WORKERS	50	0.13	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	5,700	15.42	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	340	0.92	9.82	64.86
ADJUSTMENT CLERKS	60	0.16	17.99	18.92
SECRETARIES	1,030	2.80	4.63	86.49
RECEPTIONISTS AND INFORMATION CLERKS	60	0.16	13.14	45.95
TYPISTS	230	0.62	21.15	27.03
TYPISTS, WORD PROCESSING EQUIPMENT	130	0.35	8.56	40.54
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	90	0.24	4.98	40.54
FILE CLERKS	50	0.13	16.26	10.81
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	150	0.40	14.27	45.95
PROCUREMENT CLERKS	140	0.38	7.75	51.35
STATISTICAL CLERKS	30	0.08	9.22	16.22
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	470	1.28	4.18	75.68

SIC 366 COMMUNICATION EQUIPMENT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PAYROLL AND TIMEKEEPING CLERKS	60	0.16	15.66	43.24
BILLING, COST AND RATE CLERKS	60	0.16	14.29	32.43
GENERAL OFFICE CLERKS	590	1.60	8.10	64.86
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	580	1.56	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	290	0.79	4.11	51.35
PERIPHERAL EDP EQUIPMENT OPERATORS	40	0.10	16.50	13.51
DATA ENTRY KEYERS, EXCEPT COMPOSING	190	0.51	8.81	54.05
ALL OTHER OFFICE MACHINE OPERATORS	60	0.16	5.25	21.62
SWITCHBOARD OPERATORS	60	0.16	13.32	45.95
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	1,480	4.02	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	720	1.96	4.58	62.16
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	450	1.22	9.99	75.68
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	310	0.84	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	90	0.24	N.A.	N.A.
SERVICE OCCUPATIONS	430	1.15	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	70	0.19	15.80	21.62
GUARDS AND WATCH GUARDS	120	0.32	14.40	27.03
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	230	0.62	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.02	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	10	0.02	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	13,030	35.30	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,160	3.14	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	180	0.49	9.32	56.76
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	890	2.42	6.63	83.78
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	40	0.10	20.14	32.43
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	30	0.08	14.77	27.03
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.05	42.34	16.22

SIC 366 COMMUNICATION EQUIPMENT
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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION INSPECTORS, TESTERS, AND GRADERS	830	2.26	9.07	48.65
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	590	1.60	5.73	56.76
MACHINERY MAINTENANCE MECHANICS	230	0.62	8.92	40.54
MAINTENANCE REPAIRERS, GENERAL UTILITY	130	0.35	10.34	43.24
ELECTRONICS REPAIRERS, COMMERCIAL AND INDUSTRIAL EQUIPMENT	220	0.59	24.18	24.32
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	20	0.05	13.07	13.51
PRECISION INSTRUMENT REPAIRERS	30	0.08	8.30	13.51
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	640	1.74	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	80	0.21	N.A.	N.A.
CARPENTERS	20	0.05	30.72	8.11
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	60	0.16	27.33	18.92
PRECISION METAL WORKERS	760	2.05	N.A.	N.A.
TOOL AND DIE MAKERS	60	0.16	21.59	24.32
MACHINISTS	380	1.03	39.93	37.84
SHEET METAL WORKERS	240	0.65	22.76	27.03
ALL OTHER PRECISION METAL WORKERS	80	0.21	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	260	0.69	N.A.	N.A.
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	50	0.13	29.53	8.11
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	130	0.35	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	80	0.21	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	120	0.31	N.A.	N.A.
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	10	0.02	34.79	5.41
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	80	0.21	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	30	0.08	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	2,710	7.37	N.A.	N.A.
MACHINE BUILDERS AND OTHER PRECISION MACHINE ASSEMBLERS	130	0.35	44.05	10.81
ELECTROMECHANICAL EQUIPMENT ASSEMBLERS, PRECISION	230	0.62	18.28	24.32
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS, PRECISION	2,140	5.83	10.85	48.65
ALL OTHER PRECISION ASSEMBLERS, METAL	210	0.57	22.50	8.11
OTHER HAND WORKERS, NEC	2,740	7.44	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ASSEMBLERS	1,880	5.12	15.75	54.05

SIC 366 COMMUNICATION EQUIPMENT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
COIL WINDERS, TAPERS, AND FINISHERS	20	0.05	45.69	5.41
WELDERS AND CUTTERS	50	0.13	37.95	18.92
SOLDERERS AND BRAZERS	20	0.05	31.54	10.81
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	730	1.99	19.42	35.14
ALL OTHER HAND WORKERS, NEC	40	0.10	N.A.	N.A.
PLANT AND SYSTEM WORKERS	40	0.10	8.38	13.51
TRANSPORTATION EQUIPMENT OPERATORS	60	0.16	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	30	0.08	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	10	0.02	6.87	8.11
MACHINE FEEDERS AND OFFBEARERS	30	0.08	0.00	2.70
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	530	1.44	14.74	40.54
HAND PACKERS AND PACKAGERS	130	0.35	25.38	13.51
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	1,540	4.19	4.90	35.14
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	140	0.38	N.A.	N.A.

SIC 367 ELECTRONIC COMPONENTS AND ACCESSORIES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	63,040	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	3,890	6.12	N.A.	N.A.
FINANCIAL MANAGERS	390	0.61	13.56	65.22
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	200	0.31	7.41	60.87
PURCHASING MANAGERS	220	0.34	6.45	60.87
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	410	0.65	12.06	52.17
ADMINISTRATIVE SERVICES MANAGERS	80	0.12	25.15	28.26
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	1,250	1.98	4.58	65.22
INDUSTRIAL PRODUCTION MANAGERS	710	1.12	7.41	84.78
GENERAL MANAGERS AND TOP EXECUTIVES	500	0.79	10.80	89.13
ALL OTHER MANAGERS AND ADMINISTRATORS	130	0.20	20.06	32.61
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	25,840	40.85	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	760	1.19	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	610	0.96	10.11	45.65
BUDGET ANALYSTS	60	0.09	11.77	17.39
ALL OTHER FINANCIAL SPECIALISTS	90	0.14	29.71	19.57
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	310	0.49	11.00	60.87
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	260	0.41	7.75	45.65
COST ESTIMATORS	10	0.01	20.86	17.39
ALL OTHER MANAGEMENT SUPPORT WORKERS	110	0.17	20.73	26.09
ENGINEERS	11,000	17.42	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	110	0.17	4.48	28.26
CHEMICAL ENGINEERS	10	0.01	19.72	13.04
CIVIL ENGINEERS, INCLUDING TRAFFIC	430	0.68	3.84	17.39
ELECTRICAL AND ELECTRONIC ENGINEERS	7,680	12.18	0.92	58.70
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	1,570	2.49	3.49	47.83
SAFETY ENGINEERS, EXCEPT MINING	60	0.09	4.98	28.26
MECHANICAL ENGINEERS	660	1.04	4.60	56.52
ALL OTHER ENGINEERS	480	0.76	5.75	21.74
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	11,140	17.65	N.A.	N.A.
CIVIL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	100	0.15	4.40	13.04
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	4,780	7.58	2.34	67.39
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	1,200	1.90	4.27	23.91
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	2,120	3.36	5.08	26.09
DRAFTERS	1,080	1.71	7.87	50.00
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	1,860	2.95	6.62	30.43

SIC 367 ELECTRONIC COMPONENTS AND ACCESSORIES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PHYSICAL SCIENTISTS	60	0.09	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	180	0.28	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	180	0.28	6.16	21.74
COMPUTER SCIENTISTS AND RELATED WORKERS	1,440	2.27	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	750	1.18	12.82	36.96
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	690	1.09	N.A.	N.A.
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	320	0.50	N.A.	N.A.
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS, EXCEPT COMPUTER	320	0.50	12.20	15.22
LAWYERS	80	0.12	20.19	13.04
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	50	0.07	6.11	21.74
TECHNICAL WRITERS	60	0.09	43.17	13.04
DESIGNERS, EXCEPT INTERIOR DESIGNERS	20	0.03	19.65	13.04
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	40	0.06	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	700	1.08	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	170	0.26	15.12	26.09
SALES ENGINEERS	280	0.44	10.77	28.26
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	100	0.15	29.27	19.57
ALL OTHER SALES AND RELATED WORKERS	150	0.23	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	7,830	12.31	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	120	0.19	20.55	50.00
ADJUSTMENT CLERKS	60	0.09	40.56	17.39
SECRETARIES	1,070	1.69	5.01	69.57
RECEPTIONISTS AND INFORMATION CLERKS	30	0.04	12.73	30.43
TYPISTS	120	0.19	30.67	17.39
TYPISTS, WORD PROCESSING EQUIPMENT	20	0.03	7.54	13.04
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	80	0.12	13.89	50.00
FILE CLERKS	90	0.14	3.54	19.57
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	80	0.12	34.89	23.91
PROCUREMENT CLERKS	80	0.12	7.52	39.13
STATISTICAL CLERKS	40	0.06	3.92	15.22
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	940	1.49	5.78	54.35
PAYROLL AND TIMEKEEPING CLERKS	60	0.09	8.75	47.83

SIC 367 ELECTRONIC COMPONENTS AND ACCESSORIES
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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
BILLING, COST AND RATE CLERKS	20	0.03	36.79	19.57
GENERAL OFFICE CLERKS	1,320	2.09	3.11	41.30
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	620	0.97	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	490	0.77	3.64	32.61
ALL OTHER OFFICE MACHINE OPERATORS	130	0.20	N.A.	N.A.
SWITCHBOARD OPERATORS	120	0.19	6.90	43.48
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	2,910	4.59	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	2,050	3.25	3.31	65.22
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	10	0.01	21.96	4.35
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	430	0.68	6.24	45.65
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	370	0.58	13.13	65.22
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	50	0.07	45.11	6.52
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	0.07	N.A.	N.A.
SERVICE OCCUPATIONS	780	1.22	N.A.	N.A.
GUARDS AND WATCH GUARDS	310	0.49	4.12	17.39
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	460	0.72	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	460	0.72	5.08	39.13
ALL OTHER SERVICE WORKERS	10	0.01	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	24,000	37.86	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	2,420	3.82	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	320	0.50	5.66	34.78
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	2,030	3.22	19.89	67.39
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	50	0.07	45.87	8.70
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.03	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	1,460	2.31	13.87	54.35
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	1,090	1.72	9.56	58.70
MACHINERY MAINTENANCE MECHANICS	1,030	1.63	7.03	39.13
MAINTENANCE REPAIRERS, GENERAL UTILITY	170	0.26	20.15	36.96

SIC 367 ELECTRONIC COMPONENTS AND ACCESSORIES
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
DATA PROCESSING EQUIPMENT REPAIRERS	140	0.22	15.68	13.04
PRECISION INSTRUMENT REPAIRERS	260	0.41	16.80	17.39
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	70	0.11	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	10	0.01	N.A.	N.A.
ELECTRICIANS	10	0.01	9.54	10.87
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	10	0.01	27.67	2.17
PRECISION METAL WORKERS	2,140	3.37	N.A.	N.A.
MACHINISTS	1,440	2.28	6.96	36.96
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	220	0.34	13.66	10.87
SHEET METAL WORKERS	320	0.50	10.49	10.87
ALL OTHER PRECISION METAL WORKERS	160	0.25	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	1,400	2.19	N.A.	N.A.
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	130	0.20	16.88	8.70
NUMERICAL CONTROL MACHINE TOOL OPERATORS & TENDERS, METAL & PLASTIC	220	0.34	30.09	19.57
PLASTIC MOLDING & CASTING MACHINE SETTERS & SET-UP OPERATORS	320	0.50	14.85	23.91
ELECTROLYTIC PLATING AND COATING MACHINE SETTERS AND SET-UP OPERATORS, AND METAL PLASTIC	90	0.14	37.46	10.87
ELECTROLYTIC PLATING AND COATING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	140	0.22	33.67	15.22
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	290	0.46	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	210	0.33	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	3,110	4.89	N.A.	N.A.
SCREEN PRINTING MACHINE SETTERS AND SET-UP OPERATORS	100	0.15	41.79	6.52
ELECTRONIC SEMICONDUCTOR PROCESSORS	2,220	3.52	15.98	34.78
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	100	0.15	13.35	4.35
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	10	0.01	42.45	4.35
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	20	0.03	27.52	2.17
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	210	0.33	16.30	8.70
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	110	0.17	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	340	0.53	10.16	17.39
PRECISION ASSEMBLERS, METAL	4,720	7.48	N.A.	N.A.

SIC 367 ELECTRONIC COMPONENTS AND ACCESSORIES
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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ELECTROMECHANICAL EQUIPMENT ASSEMBLERS, PRECISION	770	1.22	44.85	13.04
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS, PRECISION	3,890	6.17	13.88	36.96
ALL OTHER PRECISION ASSEMBLERS, METAL	60	0.09	N.A.	N.A.
OTHER HAND WORKERS, NEC	4,510	7.14	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ASSEMBLERS	2,940	4.66	18.80	36.96
WELDERS AND CUTTERS	20	0.03	15.32	13.04
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	1,130	1.79	35.25	32.61
ALL OTHER HAND WORKERS, NEC	420	0.66	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	30	0.04	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	400	0.63	20.53	8.70
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	540	0.85	9.88	26.09
HAND PACKERS AND PACKAGERS	70	0.11	21.39	10.87
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	180	0.28	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	240	0.38	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	5,170	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	390	7.49	N.A.	N.A.
FINANCIAL MANAGERS	40	0.77	13.18	54.17
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.38	12.85	54.17
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	30	0.57	5.10	29.17
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	40	0.77	1.40	33.33
ALL OTHER ADMINISTRATIVE MANAGERS	30	0.57	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	70	1.35	20.15	54.17
GENERAL MANAGERS AND TOP EXECUTIVES	110	2.12	12.33	83.33
ALL OTHER MANAGERS AND ADMINISTRATORS	50	0.96	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	570	10.93	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	40	0.77	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	30	0.57	26.39	37.50
ALL OTHER MANAGEMENT SUPPORT WORKERS	30	0.57	N.A.	N.A.
ENGINEERS	170	3.26	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	80	1.54	15.60	33.33
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	40	0.77	11.93	33.33
MECHANICAL ENGINEERS	30	0.57	11.38	33.33
ALL OTHER ENGINEERS	20	0.38	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	150	2.89	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	110	2.12	8.35	25.00
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	0.77	N.A.	N.A.
LIFE SCIENTISTS	40	0.77	32.52	8.33
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	30	0.57	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	30	0.57	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	50	0.96	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	140	2.69	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	10	0.19	20.26	12.50
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	70	1.35	26.90	20.83
ALL OTHER SALES AND RELATED WORKERS	60	1.15	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	680	13.07	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	40	0.77	7.24	45.83
ADJUSTMENT CLERKS	20	0.38	32.09	20.83
SECRETARIES	120	2.31	5.66	45.83
TYPISTS	30	0.57	41.70	16.67
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	20	0.38	25.64	29.17
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	70	1.35	14.08	66.67
PAYROLL AND TIMEKEEPING CLERKS	20	0.38	9.08	37.50
GENERAL OFFICE CLERKS	90	1.73	11.37	37.50
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	40	0.77	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	190	3.66	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	70	1.35	11.17	58.33
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	70	1.35	15.51	58.33
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	50	0.96	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	0.77	N.A.	N.A.
SERVICE OCCUPATIONS	120	2.30	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	10	0.19	9.89	12.50
GUARDS AND WATCH GUARDS	30	0.57	3.62	16.67
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	80	1.54	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,270	62.91	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	250	4.81	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	10	0.19	13.41	33.33
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	220	4.24	5.59	87.50
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	10	0.19	12.68	20.83
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	10	0.19	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	50	0.96	27.35	33.33
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	140	2.70	14.33	50.00

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MACHINERY MAINTENANCE MECHANICS	60	1.15	12.52	29.17
MAINTENANCE REPAIRERS, GENERAL UTILITY	30	0.57	21.70	25.00
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	130	2.50	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	20	0.38	N.A.	N.A.
ELECTRICIANS	20	0.38	12.73	16.67
PRECISION METAL WORKERS	190	3.66	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	340	6.53	N.A.	N.A.
FORGING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	20	0.38	35.53	4.17
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	20	0.38	37.28	4.17
METAL MOLDING, COREMAKING, & CASTING MACHINE SETTERS AND SET-UP OPERATORS	30	0.57	26.98	8.33
ELECTROLYTIC PLATING AND COATING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	10	0.19	22.33	12.50
HEATING EQUIPMENT SETTERS & SET-UP OPERATORS, METAL AND PLASTIC	40	0.77	26.83	8.33
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	150	2.89	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	70	1.35	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	250	4.78	N.A.	N.A.
ELECTRONIC SEMICONDUCTOR PROCESSORS	30	0.57	9.59	12.50
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	10	0.19	33.05	16.67
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	20	0.38	19.21	20.83
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	30	0.57	16.50	16.67
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	30	0.57	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	130	2.50	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	170	3.27	N.A.	N.A.
MACHINE BUILDERS AND OTHER PRECISION MACHINE ASSEMBLERS	130	2.50	49.15	16.67
ALL OTHER PRECISION ASSEMBLERS, METAL	40	0.77	N.A.	N.A.
OTHER HAND WORKERS, NEC	1,140	21.99	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ASSEMBLERS	510	9.84	13.84	50.00
COIL WINDERS, TAPERS, AND FINISHERS	40	0.77	0.00	12.50
GRINDING AND POLISHING WORKERS, HAND	20	0.38	0.00	12.50
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	500	9.65	11.16	37.50

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER HAND WORKERS, NEC	70	1.35	N.A.	N.A.
MOTOR VEHICLE OPERATORS	70	1.35	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	70	1.35	26.20	25.00
ALL OTHER TRANSPORTATION AND RELATED WORKERS	30	0.57	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	50	0.96	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	50	0.96	22.26	16.67
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	80	1.54	9.33	33.33
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	190	3.66	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	30	0.57	N.A.	N.A.

SIC 37   TRANSPORTATION EQUIPMENT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	82,620	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	4,710	5.66	N.A.	N.A.
FINANCIAL MANAGERS	320	0.38	3.57	41.82
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	160	0.19	5.37	32.73
PURCHASING MANAGERS	200	0.24	5.12	40.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	200	0.24	9.27	32.73
ADMINISTRATIVE SERVICES MANAGERS	280	0.33	15.82	21.82
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	810	0.98	3.11	24.55
INDUSTRIAL PRODUCTION MANAGERS	820	0.99	10.69	58.18
GENERAL MANAGERS AND TOP EXECUTIVES	1,270	1.53	6.29	80.91
ALL OTHER MANAGERS AND ADMINISTRATORS	650	0.78	4.26	22.73
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	19,540	23.54	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	850	1.02	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	350	0.42	10.58	28.18
BUDGET ANALYSTS	210	0.25	2.86	8.18
ALL OTHER FINANCIAL SPECIALISTS	290	0.35	8.55	7.27
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	990	1.19	5.33	46.36
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	200	0.24	2.95	17.27
COST ESTIMATORS	330	0.39	3.76	20.91
ALL OTHER MANAGEMENT SUPPORT WORKERS	740	0.89	5.38	10.00
ENGINEERS	10,000	12.07	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	30	0.03	6.26	6.36
CHEMICAL ENGINEERS	400	0.48	3.73	3.64
CIVIL ENGINEERS, INCLUDING TRAFFIC	120	0.14	7.40	6.36
MECHANICAL ENGINEERS	640	0.77	6.77	26.36
MARINE ENGINEERS	30	0.03	30.67	2.73
ALL OTHER ENGINEERS	8,780	10.62	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	2,130	2.56	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	550	0.66	3.32	17.27
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	100	0.12	12.99	4.55
DRAFTERS	650	0.78	7.00	31.82
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	830	1.00	N.A.	N.A.
PHYSICAL SCIENTISTS	230	0.27	1.15	1.82
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	530	0.64	3.68	2.73
COMPUTER SCIENTISTS AND RELATED WORKERS	710	0.85	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	250	0.30	18.40	11.82
COMPUTER PROGRAMMERS	290	0.35	9.85	20.91
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	170	0.20	N.A.	N.A.
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	570	0.69	N.A.	N.A.
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	50	0.06	7.00	11.82
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	2,210	2.67	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	1,120	1.34	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	100	0.12	17.60	15.45
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	240	0.29	48.95	10.00
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	500	0.60	20.17	32.73
ALL OTHER SALES AND RELATED WORKERS	280	0.33	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10,100	12.10	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	640	0.77	7.09	36.36
ADJUSTMENT CLERKS	90	0.10	15.82	10.00
SECRETARIES	1,160	1.40	4.09	64.55
STENOGRAPHERS	610	0.73	3.00	7.27
RECEPTIONISTS AND INFORMATION CLERKS	70	0.08	25.57	18.18
TYPISTS	200	0.24	8.11	14.55
TYPISTS, WORD PROCESSING EQUIPMENT	170	0.20	6.40	8.18
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	120	0.14	5.43	20.00
FILE CLERKS	100	0.12	13.99	9.09
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	120	0.14	16.05	11.82
PROCUREMENT CLERKS	290	0.35	5.21	22.73
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	460	0.55	11.53	53.64
PAYROLL AND TIMEKEEPING CLERKS	140	0.16	9.00	29.09
BILLING, COST AND RATE CLERKS	170	0.20	15.43	20.91
GENERAL OFFICE CLERKS	1,030	1.24	5.07	37.27
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	480	0.57	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	100	0.12	18.71	22.73
PERIPHERAL EDP EQUIPMENT OPERATORS	120	0.14	4.59	7.27
DATA ENTRY KEYERS, EXCEPT COMPOSING	150	0.18	10.89	22.73

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER OFFICE MACHINE OPERATORS	110	0.13	7.10	5.45
SWITCHBOARD OPERATORS	110	0.13	7.49	21.82
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	3,830	4.61	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	300	0.36	24.58	7.27
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	1,330	1.61	3.78	33.64
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	10	0.01	24.76	1.82
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	1,370	1.65	7.16	44.55
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	740	0.89	7.91	36.36
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	80	0.09	3.41	2.73
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	310	0.37	N.A.	N.A.
SERVICE OCCUPATIONS	1,560	1.87	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	90	0.10	17.68	13.64
GUARDS AND WATCH GUARDS	720	0.87	3.65	21.82
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	530	0.64	N.A.	N.A.
ALL OTHER SERVICE WORKERS	220	0.26	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	90	0.10	31.11	5.45
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	45,500	54.66	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	3,500	4.22	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	580	0.70	11.36	40.91
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	70	0.08	7.58	5.45
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	2,670	3.23	3.82	53.64
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	160	0.19	35.41	11.82
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	20	0.02	31.19	5.45
PRECISION INSPECTORS, TESTERS, AND GRADERS	1,420	1.71	4.18	28.18
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	1,560	1.88	5.76	23.64
TRANSPORTATION INSPECTORS	160	0.19	23.09	7.27
MACHINERY MAINTENANCE MECHANICS	560	0.67	4.83	20.00

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MACHINERY MAINTENANCE WORKERS	130	0.15	9.96	10.00
MAINTENANCE REPAIRERS, GENERAL UTILITY	300	0.36	12.06	30.91
AUTOMOTIVE MECHANICS	90	0.10	16.26	9.09
RAIL CAR REPAIRERS	640	0.77	15.07	10.91
AIRCRAFT MECHANICS	1,070	1.29	8.61	11.82
AIRCRAFT ENGINE SPECIALISTS	410	0.49	17.58	8.18
ELECTRONICS REPAIRERS, COMMERCIAL AND INDUSTRIAL EQUIPMENT	90	0.10	21.17	5.45
ELECTRICAL INSTALLERS & REPAIRERS, TRANSPORTATION EQUIPMENT TRANSPORTATION EQUIPMENT	610	0.73	7.55	11.82
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	40	0.04	7.19	3.64
PRECISION INSTRUMENT REPAIRERS	360	0.43	6.08	5.45
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	970	1.17	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	1,370	1.64	N.A.	N.A.
CARPENTERS	230	0.27	16.39	12.73
ELECTRICIANS	580	0.70	6.47	22.73
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	180	0.21	6.05	12.73
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	380	0.46	8.26	9.09
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	30	0.03	27.00	2.73
PRECISION METAL WORKERS	5,130	6.17	N.A.	N.A.
TOOL AND DIE MAKERS	740	0.89	5.61	18.18
MACHINISTS	2,840	3.43	16.55	34.55
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	260	0.31	7.18	7.27
PRECISION LAYOUT WORKERS, METAL	40	0.04	27.94	2.73
SHIPFITTERS	210	0.25	45.05	3.64
SHEET METAL WORKERS	590	0.71	22.05	18.18
BOILERMAKERS	340	0.41	20.63	1.82
ALL OTHER PRECISION METAL WORKERS	110	0.13	14.05	2.73
PRECISION WOODWORKERS	200	0.23	N.A.	N.A.
PATTERN AND MODEL MAKERS, WOOD	70	0.08	18.25	8.18
ALL OTHER PRECISION WOODWORKERS	130	0.15	42.64	5.45
PRECISION WORKERS, NEC	40	0.04	8.69	2.73
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	5,820	6.96	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	230	0.27	16.50	9.09
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	480	0.58	9.62	12.73
DRILLING AND BORING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	320	0.38	6.56	8.18

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	670	0.81	11.84	9.09
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	390	0.47	22.13	9.09
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	450	0.54	27.25	10.00
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	200	0.24	30.79	9.09
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	90	0.10	38.96	5.45
NUMERICAL CONTROL MACHINE TOOL OPERATORS & TENDERS, METAL & PLASTIC	1,260	1.52	2.03	7.27
WELDING MACHINE SETTERS AND SET-UP OPERATORS	60	0.07	26.21	8.18
WELDING MACHINE OPERATORS AND TENDERS	150	0.18	38.58	4.55
PLASTIC MOLDING & CASTING MACHINE SETTERS & SET-UP OPERATORS	20	0.02	31.87	0.91
ELECTROLYTIC PLATING AND COATING MACHINE SETTERS AND SET-UP OPERATORS, AND METAL PLASTIC	80	0.09	19.11	2.73
ELECTROLYTIC PLATING AND COATING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	140	0.16	16.67	3.64
HEATING EQUIPMENT SETTERS & SET-UP OPERATORS, METAL AND PLASTIC	20	0.02	30.50	0.91
HEAT TREATING, ANNEALING, AND TEMPERING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	60	0.07	28.95	5.45
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	460	0.55	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	740	0.89	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,840	2.19	N.A.	N.A.
SEWING MACHINE OPERATORS, NON-GARMENT	140	0.16	16.29	10.00
PAINTERS, TRANSPORTATION EQUIPMENT	930	1.12	9.46	30.91
COATING, PAINTING, & SPRAYING MACHINE SETTERS & SET-UP OPERATORS	230	0.27	42.17	7.27
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	190	0.23	27.96	7.27
CLEANING, WASHING, & PICKLING EQUIPMENT OPERATORS & TENDERS	50	0.06	26.87	6.36
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	20	0.02	29.19	2.73
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	280	0.33	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	5,440	6.57	N.A.	N.A.
AIRCRAFT STRUCTURE, SURFACES, RIGGING, AND SYSTEMS ASSEMBLERS, PRECISION	3,880	4.69	2.56	11.82
ELECTROMECHANICAL EQUIPMENT ASSEMBLERS, PRECISION	20	0.02	0.00	0.91

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER PRECISION ASSEMBLERS, METAL	1,540	1.86	N.A.	N.A.
OTHER HAND WORKERS, NEC	10,020	12.11	N.A.	N.A.
WELDERS AND CUTTERS	2,590	3.13	11.82	44.55
SOLDERERS AND BRAZERS	170	0.20	24.87	5.45
GRINDING AND POLISHING WORKERS, HAND	390	0.47	18.21	12.73
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	5,150	6.23	9.06	43.64
ALL OTHER HAND WORKERS, NEC	1,720	2.08	N.A.	N.A.
PLANT AND SYSTEM WORKERS	200	0.24	N.A.	N.A.
MOTOR VEHICLE OPERATORS	350	0.42	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	350	0.42	18.36	19.09
AIRCRAFT PILOTS AND FLIGHT ENGINEERS	50	0.06	13.85	5.45
ALL OTHER TRANSPORTATION AND RELATED WORKERS	410	0.49	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	440	0.53	N.A.	N.A.
CRANE AND TOWER OPERATORS	190	0.23	5.82	10.91
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	240	0.29	16.05	20.00
CONVEYOR OPERATORS AND TENDERS	10	0.01	12.39	0.91
HELPERS, MECHANIC AND REPAIRER	330	0.39	17.23	10.91
CONSTRUCTION TRADES AND EXTRACTIVE WORKER HELPERS	120	0.14	24.06	2.73
MACHINE FEEDERS AND OFFBEARERS	70	0.08	28.32	3.64
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	330	0.39	24.76	16.36
HAND PACKERS AND PACKAGERS	470	0.56	27.92	6.36
VEHICLE WASHERS AND EQUIPMENT CLEANERS	50	0.06	31.78	7.27
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	880	1.06	14.20	22.73

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	13,270	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	720	5.40	N.A.	N.A.
FINANCIAL MANAGERS	40	0.30	19.75	45.16
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	20	0.15	16.42	25.81
PURCHASING MANAGERS	40	0.30	21.33	38.71
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	40	0.30	33.98	32.26
ADMINISTRATIVE SERVICES MANAGERS	10	0.07	45.15	16.13
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	40	0.30	44.25	22.58
INDUSTRIAL PRODUCTION MANAGERS	160	1.20	33.10	61.29
GENERAL MANAGERS AND TOP EXECUTIVES	310	2.33	21.73	83.87
ALL OTHER MANAGERS AND ADMINISTRATORS	60	0.45	34.70	22.58
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	620	4.63	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	140	1.05	32.43	51.61
ALL OTHER MANAGEMENT SUPPORT WORKERS	40	0.30	N.A.	N.A.
ENGINEERS	140	1.04	N.A.	N.A.
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	50	0.37	44.69	19.35
MECHANICAL ENGINEERS	60	0.45	31.27	29.03
ALL OTHER ENGINEERS	30	0.22	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	230	1.72	N.A.	N.A.
DRAFTERS	140	1.05	29.95	32.26
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	90	0.67	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	20	0.15	N.A.	N.A.
COMPUTER PROGRAMMERS	20	0.15	46.86	16.13
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	50	0.37	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	370	2.77	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	30	0.22	42.01	16.13
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	290	2.18	31.84	38.71
ALL OTHER SALES AND RELATED WORKERS	50	0.37	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,430	10.70	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	80	0.60	47.07	22.58
SECRETARIES	180	1.35	18.68	64.52

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	10	0.07	37.67	9.68
PROCUREMENT CLERKS	30	0.22	38.82	19.35
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	140	1.05	31.44	41.94
PAYROLL AND TIMEKEEPING CLERKS	10	0.07	40.05	12.90
BILLING, COST AND RATE CLERKS	20	0.15	44.63	12.90
GENERAL OFFICE CLERKS	160	1.20	27.25	35.48
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	80	0.59	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	50	0.37	29.29	25.81
ALL OTHER OFFICE MACHINE OPERATORS	30	0.22	N.A.	N.A.
SWITCHBOARD OPERATORS	20	0.15	40.41	19.35
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	610	4.58	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	330	2.48	25.53	48.39
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	140	1.05	25.31	38.71
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	140	1.05	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	90	0.67	N.A.	N.A.
SERVICE OCCUPATIONS	140	1.05	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	100	0.75	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	100	0.75	29.06	32.26
ALL OTHER SERVICE WORKERS	40	0.30	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	9,990	75.04	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	670	5.03	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	180	1.35	29.61	41.94
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	470	3.53	18.69	61.29
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	20	0.15	39.70	9.68
PRECISION INSPECTORS, TESTERS, AND GRADERS	160	1.20	29.48	32.26
MACHINERY MAINTENANCE MECHANICS	120	0.90	20.38	22.58
MAINTENANCE REPAIRERS, GENERAL UTILITY	50	0.37	46.75	22.58
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	430	3.23	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	70	0.52	N.A.	N.A.
ELECTRICIANS	70	0.52	40.78	12.90
PRECISION METAL WORKERS	1,030	7.74	N.A.	N.A.
MACHINISTS	890	6.69	48.62	35.48
ALL OTHER PRECISION METAL WORKERS	140	1.05	N.A.	N.A.
PRECISION WOODWORKERS	20	0.15	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	1,050	7.88	N.A.	N.A.
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	150	1.12	39.81	12.90
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	340	2.55	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	560	4.21	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	400	2.99	N.A.	N.A.
PAINTERS, TRANSPORTATION EQUIPMENT	220	1.65	26.31	32.26
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	150	1.12	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	30	0.22	N.A.	N.A.
OTHER HAND WORKERS, NEC	4,590	34.52	N.A.	N.A.
WELDERS AND CUTTERS	1,480	11.13	17.41	58.06
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	2,680	20.16	13.73	51.61
ALL OTHER HAND WORKERS, NEC	430	3.23	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	100	0.75	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	50	0.37	49.09	9.68
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	170	1.27	46.61	16.13
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	440	3.31	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	640	4.81	N.A.	N.A.

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REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	46,600	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	2,390	5.10	N.A.	N.A.
FINANCIAL MANAGERS	140	0.30	4.63	64.29
PURCHASING MANAGERS	100	0.21	1.26	57.14
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	110	0.23	11.26	46.43
ADMINISTRATIVE SERVICES MANAGERS	230	0.49	18.99	60.71
ALL OTHER ADMINISTRATIVE MANAGERS	780	1.67	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	500	1.07	13.76	78.57
GENERAL MANAGERS AND TOP EXECUTIVES	320	0.68	10.06	85.71
ALL OTHER MANAGERS AND ADMINISTRATORS	210	0.45	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	14,900	31.88	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	600	1.28	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	180	0.38	6.22	50.00
ALL OTHER FINANCIAL SPECIALISTS	420	0.90	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	640	1.37	3.96	60.71
ALL OTHER MANAGEMENT SUPPORT WORKERS	910	1.95	N.A.	N.A.
ENGINEERS	8,320	17.82	N.A.	N.A.
METALLURGISTS AND METALLURGICAL, CERAMIC, AND MARTERIALS ENGINEERS	30	0.06	6.26	25.00
CIVIL ENGINEERS, INCLUDING TRAFFIC	50	0.10	17.14	17.86
MECHANICAL ENGINEERS	500	1.07	7.65	50.00
MARINE ENGINEERS	30	0.06	31.15	3.57
ALL OTHER ENGINEERS	7,710	16.53	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	1,560	3.33	N.A.	N.A.
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	100	0.21	12.99	17.86
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	220	0.47	14.99	21.43
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	1,240	2.65	N.A.	N.A.
PHYSICAL SCIENTISTS	20	0.04	14.67	3.57
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	140	0.30	14.39	3.57
COMPUTER SCIENTISTS AND RELATED WORKERS	500	1.06	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	240	0.51	18.48	42.86
COMPUTER PROGRAMMERS	160	0.34	17.03	46.43
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	100	0.21	N.A.	N.A.
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	570	1.22	N.A.	N.A.
HEALTH PRACTITIONERS, TECHNOLOGISTS, TECHNICIANS, AND RELATED HEALTH OCCUPATIONS	40	0.08	5.82	32.14

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	1,600	3.43	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	540	1.14	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	50	0.10	22.21	17.86
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	50	0.10	33.43	17.86
ALL OTHER SALES AND RELATED WORKERS	440	0.94	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	6,460	13.76	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	420	0.90	4.89	64.29
ADJUSTMENT CLERKS	60	0.12	15.12	14.29
SECRETARIES	700	1.50	3.99	78.57
RECEPTIONISTS AND INFORMATION CLERKS	20	0.04	21.05	28.57
TYPISTS	80	0.17	20.50	32.14
TYPISTS, WORD PROCESSING EQUIPMENT	50	0.10	18.61	17.86
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	60	0.12	7.84	35.71
FILE CLERKS	90	0.19	13.45	28.57
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	90	0.19	17.41	17.86
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	230	0.49	8.62	71.43
PAYROLL AND TIMEKEEPING CLERKS	100	0.21	11.10	50.00
BILLING, COST AND RATE CLERKS	100	0.21	24.27	32.14
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	300	0.62	N.A.	N.A.
COMPUTER OPERATORS, EXCEPT PERIPHERAL EQUIPMENT	60	0.12	13.21	46.43
DATA ENTRY KEYERS, EXCEPT COMPOSING	50	0.10	16.06	39.29
ALL OTHER OFFICE MACHINE OPERATORS	190	0.40	N.A.	N.A.
SWITCHBOARD OPERATORS	50	0.10	5.66	42.86
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	2,740	5.87	N.A.	N.A.
DISPATCHERS- EXCEPT POLICE, FIRE, AND AMBULANCE	290	0.62	25.32	14.29
WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS, RECORDKEEPING	10	0.02	24.76	7.14
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	840	1.80	5.33	60.71
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	1,600	3.43	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	1,370	2.93	N.A.	N.A.
SERVICE OCCUPATIONS	830	1.77	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, SERVICE	80	0.17	10.83	32.14

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
GUARDS AND WATCH GUARDS	370	0.79	5.32	42.86
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	300	0.64	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	300	0.64	5.61	64.29
ALL OTHER SERVICE WORKERS	80	0.17	9.71	7.14
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	80	0.17	32.94	10.71
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	21,400	45.66	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	1,670	3.57	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	180	0.38	13.72	46.43
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	1,490	3.19	2.88	64.29
PRECISION INSPECTORS, TESTERS, AND GRADERS	690	1.47	5.20	46.43
MAINTENANCE REPAIRERS, GENERAL UTILITY	140	0.30	7.94	39.29
AIRCRAFT MECHANICS	1,070	2.29	8.61	46.43
AIRCRAFT ENGINE SPECIALISTS	410	0.87	17.58	32.14
ELECTRONICS REPAIRERS, COMMERCIAL AND INDUSTRIAL EQUIPMENT	90	0.19	21.87	17.86
ELECTRICAL INSTALLERS & REPAIRERS, TRANSPORTATION EQUIPMENT TRANSPORTATION EQUIPMENT	590	1.26	7.67	28.57
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	690	1.47	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	210	0.45	N.A.	N.A.
ELECTRICIANS	210	0.45	6.56	39.29
EXTRACTIVE AND RELATED WORKERS- INCLUDING BLASTERS	20	0.04	14.77	3.57
PRECISION METAL WORKERS	2,370	5.07	N.A.	N.A.
MACHINISTS	970	2.08	18.61	75.00
SHEET METAL WORKERS	480	1.02	24.22	42.86
ALL OTHER PRECISION METAL WORKERS	920	1.97	N.A.	N.A.
PRECISION WOODWORKERS	100	0.21	N.A.	N.A.
PRECISION WORKERS, NEC	40	0.08	8.69	10.71
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	2,850	6.05	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	200	0.42	17.06	25.00
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	290	0.62	15.77	35.71
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	500	1.07	16.09	28.57

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	320	0.68	24.55	25.00
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	160	0.34	28.88	21.43
PRESS AND PRESS BRAKE MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	40	0.08	19.49	10.71
WELDING MACHINE SETTERS AND SET-UP OPERATORS	30	0.06	6.86	17.86
PLASTIC MOLDING & CASTING MACHINE SETTERS & SET-UP OPERATORS	20	0.04	31.87	3.57
ELECTROLYTIC PLATING AND COATING MACHINE SETTERS AND SET-UP OPERATORS, AND METAL PLASTIC	80	0.17	18.11	10.71
ELECTROLYTIC PLATING AND COATING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	140	0.30	16.67	14.29
HEATING EQUIPMENT SETTERS & SET-UP OPERATORS, METAL AND PLASTIC	20	0.04	30.50	3.57
HEAT TREATING, ANNEALING, AND TEMPERING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	60	0.12	28.95	21.43
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	460	0.98	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	530	1.13	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	760	1.61	N.A.	N.A.
SEWING MACHINE OPERATORS, NON-GARMENT	50	0.10	21.34	17.86
PAINTERS, TRANSPORTATION EQUIPMENT	440	0.94	4.19	39.29
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	50	0.10	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	220	0.47	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	4,090	8.77	N.A.	N.A.
OTHER HAND WORKERS, NEC	2,610	5.58	N.A.	N.A.
WELDERS AND CUTTERS	260	0.55	13.62	53.57
GRINDING AND POLISHING WORKERS, HAND	140	0.30	21.22	17.86
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	1,350	2.89	15.76	46.43
ALL OTHER HAND WORKERS, NEC	860	1.84	N.A.	N.A.
PLANT AND SYSTEM WORKERS	40	0.08	N.A.	N.A.
MOTOR VEHICLE OPERATORS	20	0.04	N.A.	N.A.
TRUCK DRIVERS, LIGHT, INCLUDE DELIVERY & ROUTE WORKERS	20	0.04	42.93	17.86
AIRCRAFT PILOTS AND FLIGHT ENGINEERS	50	0.10	13.85	21.43
ALL OTHER TRANSPORTATION AND RELATED WORKERS	160	0.34	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	180	0.38	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	110	0.23	12.40	14.29

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	70	0.15	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	50	0.10	24.23	10.71
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	100	0.21	25.03	17.86
HAND PACKERS AND PACKAGERS	250	0.53	7.55	17.86
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	490	1.05	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,660	3.55	N.A.	N.A.

SIC 373 SHIP AND BOAT BUILDING AND REPAIRING
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,970	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	150	3.76	N.A.	N.A.
FINANCIAL MANAGERS	10	0.25	16.83	37.50
ALL OTHER ADMINISTRATIVE MANAGERS	30	0.75	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	0.50	45.81	37.50
GENERAL MANAGERS AND TOP EXECUTIVES	90	2.26	20.71	68.75
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	50	1.25	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.50	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	30	0.75	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	30	0.75	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	270	6.76	N.A.	N.A.
SECRETARIES	50	1.25	34.23	43.75
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	10	0.25	11.05	25.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	1.00	41.26	62.50
PAYROLL AND TIMEKEEPING CLERKS	10	0.25	8.61	43.75
GENERAL OFFICE CLERKS	20	0.50	49.53	43.75
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	90	2.26	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	1.25	N.A.	N.A.
SERVICE OCCUPATIONS	20	0.50	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	3,450	86.75	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	190	4.77	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	80	2.01	30.85	37.50
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	20	0.50	21.03	12.50
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	70	1.76	24.65	25.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	20	0.50	13.24	18.75

SIC 373 SHIP AND BOAT BUILDING AND REPAIRING
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
MAINTENANCE REPAIRERS, GENERAL UTILITY	70	1.76	32.98	43.75
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	110	2.77	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	250	6.28	N.A.	N.A.
ELECTRICIANS	100	2.51	19.58	18.75
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	150	3.77	20.03	12.50
PRECISION METAL WORKERS	740	18.62	N.A.	N.A.
MACHINISTS	170	4.28	20.74	12.50
SHIPFITTERS	210	5.28	45.05	25.00
SHEET METAL WORKERS	20	0.50	21.39	6.25
BOILERMAKERS	340	8.56	20.87	6.25
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	30	0.75	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	470	11.80	N.A.	N.A.
SEWING MACHINE OPERATORS, NON-GARMENT	50	1.25	30.50	18.75
PAINTERS, TRANSPORTATION EQUIPMENT	140	3.52	45.80	37.50
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	150	3.77	33.10	25.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	40	1.00	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	90	2.26	N.A.	N.A.
OTHER HAND WORKERS, NEC	1,210	30.46	N.A.	N.A.
WELDERS AND CUTTERS	380	9.57	42.08	25.00
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	420	10.57	44.67	31.25
ALL OTHER HAND WORKERS, NEC	410	10.32	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	50	1.25	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	50	1.25	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	20	0.50	22.42	12.50
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	160	4.03	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	100	2.51	N.A.	N.A.

SIC 374 RAILROAD EQUIPMENT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,800	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	70	3.80	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	30	1.63	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	10	0.54	12.04	64.29
GENERAL MANAGERS AND TOP EXECUTIVES	20	1.09	10.16	78.57
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.54	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	50	2.72	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	1.09	N.A.	N.A.
ENGINEERS	20	1.09	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	10	0.54	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	40	2.18	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	150	8.17	N.A.	N.A.
SECRETARIES	20	1.09	25.41	57.14
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	30	1.63	25.80	64.29
GENERAL OFFICE CLERKS	10	0.54	27.02	35.71
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	40	2.18	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	20	1.09	25.38	35.71
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	1.09	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	2.73	N.A.	N.A.
SERVICE OCCUPATIONS	20	1.08	N.A.	N.A.
GUARDS AND WATCH GUARDS	10	0.54	25.24	21.43
ALL OTHER SERVICE WORKERS	10	0.54	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,470	80.24	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	100	5.46	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	50	2.73	21.56	50.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	50	2.73	19.34	42.86
PRECISION INSPECTORS, TESTERS, AND GRADERS	20	1.09	19.59	42.86

SIC 374 RAILROAD EQUIPMENT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	30	1.63	29.91	21.43
TRANSPORTATION INSPECTORS	20	1.09	31.02	28.57
MACHINERY MAINTENANCE MECHANICS	10	0.54	21.94	21.43
RAIL CAR REPAIRERS	630	34.42	15.21	78.57
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	40	2.18	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	30	1.63	N.A.	N.A.
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	30	1.63	27.37	21.43
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	120	6.55	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	70	3.82	N.A.	N.A.
OTHER HAND WORKERS, NEC	250	13.66	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	20	1.09	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	30	1.63	N.A.	N.A.
CRANE AND TOWER OPERATORS	10	0.54	18.98	28.57
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	20	1.09	21.84	50.00
HELPERS, MECHANIC AND REPAIRER	10	0.54	49.56	7.14
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	70	3.82	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	1.09	N.A.	N.A.

SIC 376 GUIDED MISSILES, SPACE VEHICLES, PARTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	15,370	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,260	8.20	N.A.	N.A.
FINANCIAL MANAGERS	110	0.71	0.00	50.00
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	40	0.26	0.00	50.00
PURCHASING MANAGERS	40	0.26	0.00	33.33
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	40	0.26	0.00	33.33
ADMINISTRATIVE SERVICES MANAGERS	40	0.26	0.00	33.33
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	60	0.39	0.00	33.33
INDUSTRIAL PRODUCTION MANAGERS	110	0.71	0.00	33.33
GENERAL MANAGERS AND TOP EXECUTIVES	460	3.00	0.09	83.33
ALL OTHER MANAGERS AND ADMINISTRATORS	360	2.35	0.00	50.00
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	3,870	25.18	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	180	1.16	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	110	0.71	0.00	50.00
BUDGET ANALYSTS	70	0.45	0.00	33.33
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	180	1.17	0.00	33.33
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	40	0.26	0.00	33.33
COST ESTIMATORS	110	0.71	0.00	33.33
ALL OTHER MANAGEMENT SUPPORT WORKERS	140	0.91	0.00	16.67
ENGINEERS	1,520	9.90	N.A.	N.A.
AERONAUTICAL AND ASTRONAUTICAL ENGINEERS	140	0.91	0.00	16.67
CHEMICAL ENGINEERS	290	1.89	0.00	33.33
CIVIL ENGINEERS, INCLUDING TRAFFIC	70	0.45	0.00	16.67
ELECTRICAL AND ELECTRONIC ENGINEERS	110	0.71	0.00	33.33
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	40	0.26	0.00	33.33
SAFETY ENGINEERS, EXCEPT MINING	40	0.26	0.00	33.33
MECHANICAL ENGINEERS	60	0.39	0.00	33.33
ALL OTHER ENGINEERS	770	5.03	0.00	33.33
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	320	2.08	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	180	1.17	0.87	50.00
DRAFTERS	140	0.91	0.00	33.33
PHYSICAL SCIENTISTS	210	1.37	0.00	16.67
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	390	2.54	0.00	33.33
COMPUTER SCIENTISTS AND RELATED WORKERS	180	1.16	N.A.	N.A.
COMPUTER PROGRAMMERS	110	0.71	0.72	50.00
PROGRAMMERS- NUMERICAL, TOOL, AND PROCESS CONTROL	70	0.45	0.00	33.33
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	600	3.92	N.A.	N.A.

SIC 376 GUIDED MISSILES, SPACE VEHICLES, PARTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SALES AND RELATED OCCUPATIONS	30	0.19	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	30	0.19	12.37	50.00
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,650	10.70	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	110	0.71	0.00	33.33
SECRETARIES	190	1.24	0.23	83.33
STENOGRAPHERS	170	1.11	0.00	16.67
TYPISTS	110	0.71	0.00	33.33
TYPISTS, WORD PROCESSING EQUIPMENT	110	0.71	0.00	33.33
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	40	0.26	2.10	50.00
PROCUREMENT CLERKS	70	0.45	0.00	33.33
BILLING, COST AND RATE CLERKS	40	0.26	0.00	16.67
GENERAL OFFICE CLERKS	350	2.28	0.00	50.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	80	0.52	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	40	0.26	0.00	33.33
ALL OTHER OFFICE MACHINE OPERATORS	40	0.26	N.A.	N.A.
SWITCHBOARD OPERATORS	40	0.26	0.00	33.33
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	320	2.06	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	70	0.45	0.00	50.00
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	110	0.71	0.00	50.00
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	70	0.45	0.00	50.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	70	0.45	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	20	0.13	N.A.	N.A.
SERVICE OCCUPATIONS	510	3.32	N.A.	N.A.
GUARDS AND WATCH GUARDS	290	1.89	0.00	33.33
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	70	0.45	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	70	0.45	0.00	50.00
ALL OTHER SERVICE WORKERS	150	0.98	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	8,050	52.42	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	610	3.97	N.A.	N.A.

SIC 376 GUIDED MISSILES, SPACE VEHICLES, PARTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	70	0.45	0.00	50.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, CONSTRUCTION TRADES AND EXTRACTIVE WORKERS	40	0.26	0.00	16.67
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	500	3.26	0.15	50.00
PRECISION INSPECTORS, TESTERS, AND GRADERS	540	3.52	0.00	33.33
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	300	1.96	0.00	50.00
MACHINERY MAINTENANCE MECHANICS	180	1.17	0.00	33.33
MACHINERY MAINTENANCE WORKERS	40	0.26	0.00	33.33
AUTOMOTIVE MECHANICS	40	0.26	0.00	33.33
HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS AND INSTALLERS	40	0.26	0.00	33.33
PRECISION INSTRUMENT REPAIRERS	110	0.71	0.00	16.67
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	110	0.71	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	560	3.64	N.A.	N.A.
CARPENTERS	100	0.65	0.00	33.33
ELECTRICIANS	180	1.17	0.00	33.33
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	100	0.65	0.00	33.33
PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	180	1.17	0.00	33.33
PRECISION METAL WORKERS	980	6.38	N.A.	N.A.
TOOL AND DIE MAKERS	110	0.71	0.00	33.33
MACHINISTS	800	5.22	0.00	33.33
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	70	0.45	0.00	33.33
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	1,730	11.28	N.A.	N.A.
LATHE AND TURNING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	180	1.17	0.00	33.33
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	180	1.17	0.00	33.33
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	100	0.65	0.00	16.67
NUMERICAL CONTROL MACHINE TOOL OPERATORS & TENDERS, METAL & PLASTIC	1,020	6.66	0.00	33.33
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	80	0.52	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	170	1.11	0.00	16.67
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	100	0.65	0.00	16.67

SIC 376 GUIDED MISSILES, SPACE VEHICLES, PARTS
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION ASSEMBLERS, METAL	1,340	8.75	N.A.	N.A.
AIRCRAFT STRUCTURE, SURFACES, RIGGING, AND SYSTEMS ASSEMBLERS, PRECISION	1,320	8.62	0.00	33.33
ELECTROMECHANICAL EQUIPMENT ASSEMBLERS, PRECISION	20	0.13	0.00	16.67
OTHER HAND WORKERS, NEC	640	4.17	N.A.	N.A.
WELDERS AND CUTTERS	250	1.63	0.00	16.67
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	70	0.45	0.00	16.67
ALL OTHER HAND WORKERS, NEC	320	2.09	N.A.	N.A.
PLANT AND SYSTEM WORKERS	150	0.97	N.A.	N.A.
STATIONARY ENGINEERS	40	0.26	0.00	33.33
ALL OTHER PLANT AND SYSTEM OPERATORS	110	0.71	0.00	33.33
MOTOR VEHICLE OPERATORS	110	0.71	N.A.	N.A.
TRUCK DRIVERS, HEAVY OR TRACTOR TRAILER	110	0.71	0.00	33.33
MATERIAL MOVING EQUIPMENT OPERATORS	70	0.45	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	80	0.52	0.00	16.67
CONSTRUCTION TRADES AND EXTRACTIVE WORKER HELPERS	80	0.52	0.00	16.67
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	240	1.56	0.00	16.67

SIC 379 MISCELLANEOUS TRANSPORTATION EQUIPMENT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,540	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	110	7.04	N.A.	N.A.
PURCHASING MANAGERS	10	0.64	35.51	35.71
ALL OTHER ADMINISTRATIVE MANAGERS	20	1.28	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	20	1.28	16.05	42.86
GENERAL MANAGERS AND TOP EXECUTIVES	60	3.84	33.26	78.57
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	40	2.56	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	1.28	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	1.28	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	120	7.68	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	90	5.76	39.01	71.43
ALL OTHER SALES AND RELATED WORKERS	30	1.92	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	120	7.68	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	10	0.64	23.76	21.43
SECRETARIES	30	1.92	32.76	57.14
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	20	1.28	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	3.84	N.A.	N.A.
SERVICE OCCUPATIONS	30	1.92	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	1.28	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.64	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,120	71.74	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	90	5.76	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	90	5.76	21.17	64.29
MECHANICS, INSTALLERS, AND REPAIRERS	60	3.84	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	10	0.64	N.A.	N.A.
ELECTRICIANS	10	0.64	38.90	21.43

SIC 379 MISCELLANEOUS TRANSPORTATION EQUIPMENT
REFERENCE DATE : JUNE 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION WOODWORKERS	60	3.84	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	30	1.92	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	30	1.92	N.A.	N.A.
OTHER HAND WORKERS, NEC	720	46.14	N.A.	N.A.
WELDERS AND CUTTERS	40	2.56	28.37	35.71
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	620	39.74	6.61	78.57
ALL OTHER HAND WORKERS, NEC	60	3.84	N.A.	N.A.
HELPERS, LABORERS,& MATERIAL MOVERS, HAND- EXCLUDE AGRICULTURE AND FORESTRY LABORERS	40	2.56	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	80	5.12	N.A.	N.A.

SIC 38 INSTRUMENTS/RELATED
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	22,420	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	1,680	7.44	N.A.	N.A.
FINANCIAL MANAGERS	150	0.66	19.53	47.19
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	90	0.40	16.60	34.83
PURCHASING MANAGERS	60	0.26	16.62	30.34
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	210	0.93	23.64	38.20
ADMINISTRATIVE SERVICES MANAGERS	40	0.17	23.76	17.98
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	140	0.62	12.12	26.97
INDUSTRIAL PRODUCTION MANAGERS	360	1.60	9.13	56.18
GENERAL MANAGERS AND TOP EXECUTIVES	540	2.40	16.94	77.53
ALL OTHER MANAGERS AND ADMINISTRATORS	90	0.40	20.01	22.47
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	3,100	13.67	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	220	0.96	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	180	0.80	22.22	35.96
BUDGET ANALYSTS	20	0.08	43.76	6.74
ALL OTHER FINANCIAL SPECIALISTS	20	0.08	38.34	10.11
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	200	0.89	14.18	47.19
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	60	0.26	18.19	21.35
COST ESTIMATORS	70	0.31	29.04	13.48
ALL OTHER MANAGEMENT SUPPORT WORKERS	30	0.13	24.49	8.99
ENGINEERS	880	3.89	N.A.	N.A.
CHEMICAL ENGINEERS	30	0.13	36.06	6.74
ELECTRICAL AND ELECTRONIC ENGINEERS	390	1.73	20.10	35.96
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	150	0.66	20.68	23.60
MECHANICAL ENGINEERS	260	1.15	10.14	34.83
ALL OTHER ENGINEERS	50	0.22	16.40	13.48
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	970	4.30	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	560	2.49	19.71	37.08
INDUSTRIAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	10	0.04	29.53	6.74
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	90	0.40	36.46	15.73
DRAFTERS	230	1.02	20.30	37.08
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	80	0.35	35.51	10.11
PHYSICAL SCIENTISTS	30	0.12	N.A.	N.A.
CHEMISTS, EXCEPT BIOCHEMISTS	10	0.04	30.52	4.49
ALL OTHER PHYSICAL SCIENTISTS	20	0.08	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	30	0.13	N.A.	N.A.

SIC 38 INSTRUMENTS/RELATED
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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
COMPUTER SCIENTISTS AND RELATED WORKERS	290	1.27	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	100	0.44	16.27	21.35
COMPUTER PROGRAMMERS	160	0.71	24.35	23.60
COMPUTER PROGRAMMER AIDES	20	0.08	31.00	11.24
PROGRAMMERS- NUMERICAL, TOOL, AND PROCESS CONTROL	10	0.04	24.16	4.49
MATHEMATICAL SCIENTISTS AND RELATED WORKERS	10	0.04	N.A.	N.A.
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS, EXCEPT COMPUTER	10	0.04	14.96	5.62
TECHNICAL WRITERS	30	0.13	19.00	12.36
DESIGNERS, EXCEPT INTERIOR DESIGNERS	30	0.13	29.56	6.74
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	250	1.11	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	840	3.72	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	80	0.35	28.33	16.85
SALES ENGINEERS	80	0.35	22.07	11.24
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	430	1.91	43.91	25.84
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	200	0.89	40.96	11.24
ALL OTHER SALES AND RELATED WORKERS	50	0.22	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	3,260	14.42	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	200	0.89	25.37	46.07
SECRETARIES	580	2.58	10.87	65.17
TYPISTS	80	0.35	33.91	14.61
TYPISTS, WORD PROCESSING EQUIPMENT	30	0.13	36.54	6.74
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	60	0.26	32.28	25.84
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	160	0.71	27.10	26.97
PROCUREMENT CLERKS	60	0.26	36.43	24.72
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	280	1.24	20.85	48.31
PAYROLL AND TIMEKEEPING CLERKS	60	0.26	31.14	23.60
GENERAL OFFICE CLERKS	270	1.20	26.25	33.71
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	190	0.83	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	60	0.26	21.34	15.73
ALL OTHER OFFICE MACHINE OPERATORS	130	0.57	N.A.	N.A.
SWITCHBOARD OPERATORS	60	0.26	34.84	23.60
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	920	4.07	N.A.	N.A.

SIC 38 INSTRUMENTS/RELATED
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	280	1.24	35.16	32.58
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	300	1.33	21.10	40.45
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	320	1.42	18.27	52.81
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.08	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	310	1.38	N.A.	N.A.
SERVICE OCCUPATIONS	240	1.05	N.A.	N.A.
GUARDS AND WATCH GUARDS	40	0.17	30.75	7.87
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	180	0.80	N.A.	N.A.
ALL OTHER SERVICE WORKERS	20	0.08	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	13,300	59.12	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	960	4.25	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	90	0.40	13.57	20.22
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	810	3.61	13.84	53.93
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-TRANSPORTATION AND MATERIAL MOVING MACHINE AND VEHICLE OCCUPATIONS	20	0.08	19.63	7.87
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	20	0.08	26.47	7.87
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.08	28.49	6.74
PRECISION INSPECTORS, TESTERS, AND GRADERS	310	1.38	22.99	23.60
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	550	2.45	11.38	33.71
MACHINERY MAINTENANCE MECHANICS	210	0.93	9.63	14.61
MAINTENANCE REPAIRERS, GENERAL UTILITY	170	0.75	12.28	32.58
PRECISION INSTRUMENT REPAIRERS	80	0.35	46.30	15.73
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	60	0.26	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	70	0.30	N.A.	N.A.
CARPENTERS	20	0.08	13.08	5.62
ELECTRICIANS	50	0.22	14.85	5.62
PRECISION METAL WORKERS	780	3.46	N.A.	N.A.
TOOL AND DIE MAKERS	100	0.44	18.75	14.61
MACHINISTS	530	2.36	21.72	42.70

SIC 38 INSTRUMENTS/RELATED
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER PRECISION METAL WORKERS	150	0.66	N.A.	N.A.
PRECISION WORKERS, NEC	950	4.23	N.A.	N.A.
PRECISION OPTICAL GOODS WORKERS	850	3.79	18.85	15.73
ALL OTHER PRECISION WORKERS, NEC	100	0.44	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	1,050	4.67	N.A.	N.A.
MACHINE TOOL CUTTING OPERATORS AND TENDERS, METAL & PLASTIC	120	0.53	33.63	7.87
PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	50	0.22	32.52	5.62
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	180	0.80	25.13	6.74
NUMERICAL CONTROL MACHINE TOOL OPERATORS & TENDERS, METAL & PLASTIC	110	0.49	21.92	10.11
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	350	1.56	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	240	1.07	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	1,100	4.88	N.A.	N.A.
SEWING MACHINE OPERATORS, NON-GARMENT	180	0.80	42.68	2.25
CHEMICAL EQUIPMENT CONTROLLERS AND OPERATORS	120	0.53	6.89	3.37
CHEMICAL EQUIPMENT TENDERS	50	0.22	34.76	2.25
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	80	0.35	42.55	5.62
PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS	440	1.96	6.75	6.74
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	50	0.22	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	180	0.80	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	980	4.36	N.A.	N.A.
ELECTROMECHANICAL EQUIPMENT ASSEMBLERS, PRECISION	200	0.89	15.21	11.24
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS, PRECISION	530	2.36	30.11	22.47
ALL OTHER PRECISION ASSEMBLERS, METAL	250	1.11	N.A.	N.A.
OTHER HAND WORKERS, NEC	4,420	19.70	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ASSEMBLERS	910	4.05	19.42	24.72
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	3,090	13.78	16.05	26.97
ALL OTHER HAND WORKERS, NEC	420	1.87	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	70	0.31	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	220	0.98	N.A.	N.A.
HELPERS, MECHANIC AND REPAIRER	20	0.08	25.44	4.49
MACHINE FEEDERS AND OFFBEARERS	310	1.38	23.57	8.99
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	360	1.60	11.93	26.97
HAND PACKERS AND PACKAGERS	360	1.60	11.88	16.85

SIC 38 INSTRUMENTS/RELATED
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND.................	160	0.71	18.98	8.99
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS..	110	0.49	N.A.	N.A.

SIC 381   ENGNRG, LABRTRY, SCIENTFC, & RSRCH INS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	2,300	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	290	12.67	N.A.	N.A.
FINANCIAL MANAGERS	30	1.31	11.71	58.82
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	10	0.43	11.64	29.41
PURCHASING MANAGERS	20	0.87	13.47	41.18
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	40	1.75	13.23	52.94
ADMINISTRATIVE SERVICES MANAGERS	10	0.43	12.19	35.29
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	50	2.19	16.19	47.06
INDUSTRIAL PRODUCTION MANAGERS	40	1.75	13.19	64.71
GENERAL MANAGERS AND TOP EXECUTIVES	60	2.63	13.84	82.35
ALL OTHER MANAGERS AND ADMINISTRATORS	30	1.31	13.34	35.29
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	640	27.99	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	50	2.19	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	20	0.87	12.99	47.06
ALL OTHER MANAGEMENT SUPPORT WORKERS	30	1.31	N.A.	N.A.
ENGINEERS	230	10.07	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	110	4.82	14.86	70.59
MECHANICAL ENGINEERS	80	3.50	14.66	52.94
ALL OTHER ENGINEERS	40	1.75	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	170	7.43	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	100	4.38	13.15	70.59
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	10	0.43	32.15	29.41
DRAFTERS	40	1.75	8.25	58.82
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	20	0.87	N.A.	N.A.
PHYSICAL SCIENTISTS	20	0.87	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	60	2.62	N.A.	N.A.
COMPUTER PROGRAMMERS	40	1.75	17.96	47.06
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	20	0.87	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	60	2.63	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	40	1.75	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	360	15.74	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.87	17.91	47.06

SIC 381 ENGNRG, LABRTRY, SCIENTFC, & RSRCH INS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
SECRETARIES	100	4.38	7.23	76.47
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	30	1.31	13.32	41.18
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.87	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	110	4.81	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	30	1.31	15.22	41.18
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	50	2.19	11.87	64.71
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	30	1.31	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	80	3.50	N.A.	N.A.
SERVICE OCCUPATIONS	30	1.30	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	20	0.87	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	20	0.87	25.03	23.53
ALL OTHER SERVICE WORKERS	10	0.43	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	940	41.13	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	80	3.50	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	60	2.63	12.32	47.06
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.87	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	60	2.63	17.17	47.06
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	20	0.87	30.43	41.18
MAINTENANCE REPAIRERS, GENERAL UTILITY	20	0.87	15.56	41.18
PRECISION INSTRUMENT REPAIRERS	20	0.87	27.29	23.53
PRECISION METAL WORKERS	90	3.94	N.A.	N.A.
MACHINISTS	60	2.63	19.26	52.94
ALL OTHER PRECISION METAL WORKERS	30	1.31	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	80	3.50	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	130	5.70	N.A.	N.A.
OTHER HAND WORKERS, NEC	250	10.95	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ASSEMBLERS	90	3.94	31.29	41.18
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	110	4.82	27.38	17.65

SIC 381 ENGNRG, LABRTRY, SCIENTFC, & RSRCH INS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER HAND WORKERS, NEC	50	2.19	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	10	0.43	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	20	0.87	26.66	23.53
HAND PACKERS AND PACKAGERS	10	0.43	5.83	17.65
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	70	3.07	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	80	3.50	N.A.	N.A.

SIC 382 MEASURING AND CONTROLLING INSTRUMENTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	8,160	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	580	7.08	N.A.	N.A.
FINANCIAL MANAGERS	60	0.73	32.00	48.00
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	40	0.49	26.85	40.00
PURCHASING MANAGERS	10	0.12	35.28	24.00
MARKETING, ADVERTISING, & PUBLIC RELATIONS MANAGERS	90	1.10	34.12	40.00
ADMINISTRATIVE SERVICES MANAGERS	10	0.12	40.26	16.00
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	40	0.49	34.49	24.00
INDUSTRIAL PRODUCTION MANAGERS	90	1.10	24.47	60.00
GENERAL MANAGERS AND TOP EXECUTIVES	230	2.81	20.14	84.00
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.12	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	1,560	19.03	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	70	0.85	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	110	1.34	18.50	56.00
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.24	37.10	24.00
COST ESTIMATORS	40	0.49	41.63	20.00
ALL OTHER MANAGEMENT SUPPORT WORKERS	10	0.12	45.97	16.00
ENGINEERS	450	5.49	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERS	230	2.81	31.94	44.00
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	70	0.85	40.07	28.00
MECHANICAL ENGINEERS	110	1.34	18.71	40.00
ALL OTHER ENGINEERS	40	0.49	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	650	7.94	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	430	5.26	25.47	64.00
MECHANICAL ENGINEERING TECHNICIANS AND TECHNOLOGISTS	30	0.36	37.17	16.00
DRAFTERS	150	1.83	29.83	48.00
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	0.49	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	140	1.71	N.A.	N.A.
COMPUTER PROGRAMMERS	80	0.98	40.52	28.00
ALL OTHER COMPUTER SYSTEMS ANALYSTS, PROGRAMMERS, AND PROGRAMMER AIDES	60	0.73	N.A.	N.A.
TECHNICAL WRITERS	10	0.12	37.55	12.00
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	60	0.73	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	290	3.54	N.A.	N.A.

SIC 382 MEASURING AND CONTROLLING INSTRUMENTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	50	0.61	33.14	32.00
SALES ENGINEERS	50	0.61	33.48	16.00
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	170	2.08	37.34	32.00
ALL OTHER SALES AND RELATED WORKERS	20	0.24	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,040	12.67	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	70	0.85	21.82	44.00
SECRETARIES	220	2.69	16.11	68.00
RECEPTIONISTS AND INFORMATION CLERKS	10	0.12	39.09	20.00
TYPISTS	50	0.61	33.00	24.00
TYPISTS, WORD PROCESSING EQUIPMENT	20	0.24	48.29	12.00
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.24	30.86	20.00
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	50	0.61	28.18	28.00
PROCUREMENT CLERKS	20	0.24	36.95	28.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	90	1.10	27.20	48.00
BILLING, COST AND RATE CLERKS	20	0.24	36.83	16.00
GENERAL OFFICE CLERKS	100	1.22	26.33	36.00
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	40	0.49	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	270	3.29	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	110	1.34	33.44	40.00
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	100	1.22	16.50	48.00
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	60	0.73	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	0.73	N.A.	N.A.
SERVICE OCCUPATIONS	90	1.10	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	80	0.98	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.12	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	4,600	56.26	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	440	5.37	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	30	0.36	19.34	20.00

SIC 382 MEASURING AND CONTROLLING INSTRUMENTS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	370	4.53	27.03	64.00
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	20	0.24	31.53	20.00
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.24	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	120	1.47	30.27	28.00
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	170	2.08	18.53	48.00
MECHANICS, INSTALLERS, AND REPAIRERS	100	1.22	N.A.	N.A.
MACHINERY MAINTENANCE MECHANICS	40	0.49	38.46	12.00
PRECISION METAL WORKERS	400	4.89	N.A.	N.A.
MACHINISTS	290	3.55	35.01	52.00
SHEET METAL WORKERS	40	0.49	46.06	12.00
ALL OTHER PRECISION METAL WORKERS	70	0.85	N.A.	N.A.
PRECISION WORKERS, NEC	30	0.36	41.46	8.00
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	470	5.74	N.A.	N.A.
PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	30	0.36	33.35	16.00
MACHINE FORMING OPERATORS AND TENDERS, METAL AND PLASTIC	80	0.98	42.15	8.00
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	250	3.06	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	110	1.34	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	50	0.61	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	470	5.75	N.A.	N.A.
ELECTROMECHANICAL EQUIPMENT ASSEMBLERS, PRECISION	70	0.85	43.50	12.00
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS, PRECISION	400	4.90	38.94	32.00
OTHER HAND WORKERS, NEC	2,060	25.23	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ASSEMBLERS	610	7.47	26.50	36.00
WELDERS AND CUTTERS	30	0.36	33.00	28.00
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	1,340	16.42	33.88	44.00
ALL OTHER HAND WORKERS, NEC	80	0.98	N.A.	N.A.
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	140	1.71	21.46	40.00
HAND PACKERS AND PACKAGERS	40	0.49	31.23	20.00
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	50	0.61	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	0.24	N.A.	N.A.

SIC 384 SURGICAL, MEDICL, & DENTL INSTR & SUPL
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	8,660	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	550	6.32	N.A.	N.A.
FINANCIAL MANAGERS	50	0.57	34.31	77.78
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	30	0.34	23.44	66.67
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	40	0.46	20.19	44.44
ALL OTHER ADMINISTRATIVE MANAGERS	100	1.15	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	190	2.19	7.71	83.33
GENERAL MANAGERS AND TOP EXECUTIVES	120	1.38	45.96	88.89
ALL OTHER MANAGERS AND ADMINISTRATORS	20	0.23	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	540	6.18	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	90	1.03	N.A.	N.A.
ACCOUNTANTS AND AUDITORS	70	0.80	44.93	72.22
ALL OTHER FINANCIAL SPECIALISTS	20	0.23	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	40	0.46	41.53	61.11
PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS	20	0.23	27.30	38.89
ALL OTHER MANAGEMENT SUPPORT WORKERS	10	0.11	N.A.	N.A.
ENGINEERS	150	1.72	N.A.	N.A.
INDUSTRIAL ENGINEERS, EXCEPT SAFETY	40	0.46	20.01	38.89
MECHANICAL ENGINEERS	60	0.69	17.42	50.00
ALL OTHER ENGINEERS	50	0.57	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	70	0.80	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIANS AND TECHNOLOGISTS	10	0.11	29.91	16.67
ALL OTHER ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	60	0.69	N.A.	N.A.
PHYSICAL SCIENTISTS	10	0.11	N.A.	N.A.
PHYSICAL AND LIFE SCIENCE TECHNICIANS AND TECHNOLOGISTS	20	0.23	N.A.	N.A.
CHEMICAL TECHNICIANS & TECHNOLOGISTS, EXCEPT HEALTH	20	0.23	11.12	22.22
COMPUTER SCIENTISTS AND RELATED WORKERS	60	0.69	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	70	0.80	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	340	3.91	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	20	0.23	36.95	16.67
SALES REPRESENTATIVES, SCIENTIFIC & RELATED PRODUCTS & SERVICES, EXCEPT RETAIL	130	1.50	40.84	38.89
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	160	1.84	48.91	22.22

SIC 384 SURGICAL, MEDICL, & DENTL INSTR & SUPL
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER SALES AND RELATED WORKERS	30	0.34	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,200	13.80	N.A.	N.A.
ADJUSTMENT CLERKS	50	0.57	48.19	38.89
SECRETARIES	170	1.96	10.77	83.33
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	80	0.92	25.44	77.78
PAYROLL AND TIMEKEEPING CLERKS	30	0.34	49.87	55.56
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	110	1.26	N.A.	N.A.
DATA ENTRY KEYERS, EXCEPT COMPOSING	40	0.46	20.62	33.33
ALL OTHER OFFICE MACHINE OPERATORS	70	0.80	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	360	4.14	N.A.	N.A.
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	90	1.03	23.36	44.44
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	270	3.11	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	400	4.61	N.A.	N.A.
SERVICE OCCUPATIONS	110	1.26	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	80	0.92	N.A.	N.A.
ALL OTHER SERVICE WORKERS	30	0.34	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	5,920	68.21	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	290	3.34	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	40	0.46	23.02	33.33
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	230	2.65	14.42	66.67
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.23	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	300	3.46	11.83	44.44
MACHINERY MAINTENANCE MECHANICS	160	1.84	9.16	33.33
MACHINERY MAINTENANCE WORKERS	40	0.46	14.02	11.11
MAINTENANCE REPAIRERS, GENERAL UTILITY	80	0.92	16.90	50.00
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	30	0.34	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	60	0.68	N.A.	N.A.

SIC 384 SURGICAL, MEDICL, & DENTL INSTR & SUPL
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
CARPENTERS	10	0.11	0.00	5.56
ELECTRICIANS	50	0.57	15.48	22.22
PRECISION METAL WORKERS	220	2.53	N.A.	N.A.
TOOL AND DIE MAKERS	60	0.69	19.61	27.78
MACHINISTS	120	1.38	39.28	50.00
ALL OTHER PRECISION METAL WORKERS	40	0.46	N.A.	N.A.
PRECISION WORKERS, NEC	60	0.69	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	410	4.73	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	890	10.24	N.A.	N.A.
SEWING MACHINE OPERATORS, NON-GARMENT	180	2.07	42.68	11.11
CHEMICAL EQUIPMENT CONTROLLERS AND OPERATORS	120	1.38	6.89	16.67
CHEMICAL EQUIPMENT TENDERS	50	0.57	34.76	11.11
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	10	0.11	39.06	11.11
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	10	0.11	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	520	6.00	N.A.	N.A.
PRECISION ASSEMBLERS, METAL	280	3.23	N.A.	N.A.
OTHER HAND WORKERS, NEC	1,880	21.70	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ASSEMBLERS	150	1.73	42.20	11.11
ALL OTHER HAND WORKERS, NEC	1,730	19.97	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	50	0.57	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	190	2.19	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	260	3.00	25.34	27.78
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	170	1.96	16.59	44.44
HAND PACKERS AND PACKAGERS	280	3.23	13.02	22.22
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	70	0.80	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	200	2.30	N.A.	N.A.

SIC 385 OPHTHALMIC GOODS
REFERENCE DATE : APRIL 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,940	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	140	7.25	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	160	8.29	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	150	7.77	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	460	23.82	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	120	6.21	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	340	17.61	N.A.	N.A.
SERVICE OCCUPATIONS	10	0.51	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,020	52.83	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	70	3.62	N.A.	N.A.
PRECISION WORKERS, NEC	800	41.45	N.A.	N.A.
PRECISION OPTICAL GOODS WORKERS	800	41.45	20.01	84.62
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	20	1.03	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	130	6.73	N.A.	N.A.

SIC 39 MISC MANUFACTURING INDUSTRIES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	12,580	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	810	6.38	N.A.	N.A.
FINANCIAL MANAGERS	60	0.47	18.35	25.53
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	30	0.23	30.14	17.02
PURCHASING MANAGERS	30	0.23	33.22	14.89
ALL OTHER ADMINISTRATIVE MANAGERS	110	0.87	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	170	1.34	18.95	41.49
GENERAL MANAGERS AND TOP EXECUTIVES	380	3.01	14.29	64.89
ALL OTHER MANAGERS AND ADMINISTRATORS	30	0.23	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	430	3.32	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	50	0.39	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	40	0.31	20.79	19.15
COST ESTIMATORS	20	0.15	41.32	5.32
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.15	N.A.	N.A.
ENGINEERS	40	0.30	N.A.	N.A.
MECHANICAL ENGINEERS	20	0.15	30.62	8.51
ALL OTHER ENGINEERS	20	0.15	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	60	0.47	N.A.	N.A.
COMPUTER SCIENTISTS AND RELATED WORKERS	30	0.22	N.A.	N.A.
SYSTEMS ANALYSTS, ELECTRONIC DATA PROCESSING	10	0.07	45.42	5.32
COMPUTER PROGRAMMERS	20	0.15	31.64	8.51
DESIGNERS, EXCEPT INTERIOR DESIGNERS	150	1.18	25.86	20.21
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.15	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	370	2.92	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	20	0.15	22.38	10.64
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	260	2.06	13.31	32.98
ALL OTHER SALES AND RELATED WORKERS	90	0.71	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	1,760	13.82	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	80	0.63	21.84	21.28
ADJUSTMENT CLERKS	40	0.31	22.88	9.57
SECRETARIES	240	1.90	14.85	51.06
RECEPTIONISTS AND INFORMATION CLERKS	30	0.23	25.42	18.09

SIC 39 MISC MANUFACTURING INDUSTRIES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TYPISTS	20	0.15	22.93	6.38
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING	20	0.15	40.57	7.45
FILE CLERKS	20	0.15	18.29	10.64
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	170	1.34	19.37	21.28
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	200	1.58	14.20	47.87
PAYROLL AND TIMEKEEPING CLERKS	30	0.23	19.82	18.09
BILLING, COST AND RATE CLERKS	50	0.39	20.90	13.83
GENERAL OFFICE CLERKS	250	1.98	21.58	36.17
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	110	0.85	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	40	0.31	35.49	6.38
DATA ENTRY KEYERS, EXCEPT COMPOSING	40	0.31	18.42	12.77
ALL OTHER OFFICE MACHINE OPERATORS	30	0.23	N.A.	N.A.
SWITCHBOARD OPERATORS	20	0.15	15.23	11.70
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	420	3.31	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	60	0.47	7.77	13.83
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	100	0.79	20.95	20.21
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	240	1.90	12.09	44.68
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.15	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	60	0.47	N.A.	N.A.
SERVICE OCCUPATIONS	200	1.56	N.A.	N.A.
GUARDS AND WATCH GUARDS	10	0.07	11.58	4.26
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	180	1.42	N.A.	N.A.
ALL OTHER SERVICE WORKERS	10	0.07	N.A.	N.A.
AGRICULTURAL, FORESTRY, FISHING, AND RELATED OCCUPATIONS	10	0.07	37.93	3.19
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	9,000	71.08	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	500	3.95	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	40	0.31	13.54	12.77
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	420	3.33	13.22	47.87
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	40	0.31	N.A.	N.A.

SIC 39 MISC MANUFACTURING INDUSTRIES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRECISION INSPECTORS, TESTERS, AND GRADERS	20	0.15	9.75	4.26
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	170	1.34	10.00	15.96
MACHINERY MAINTENANCE MECHANICS	70	0.55	26.08	13.83
MACHINERY MAINTENANCE WORKERS	20	0.15	24.77	5.32
MAINTENANCE REPAIRERS, GENERAL UTILITY	80	0.63	15.65	22.34
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	120	0.95	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	20	0.15	N.A.	N.A.
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	20	0.15	40.32	3.19
PRECISION METAL WORKERS	1,150	9.08	N.A.	N.A.
TOOL AND DIE MAKERS	120	0.95	32.37	14.89
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	40	0.31	17.24	4.26
JEWELERS AND SILVERSMITHS	300	2.37	14.34	17.02
PRECISION HAND WORKERS, JEWELRY AND RELATED PRODUCTS	360	2.85	8.74	13.83
PRECISION ETCHERS AND ENGRAVERS, HAND OR MACHINE	110	0.87	21.19	13.83
SHEET METAL WORKERS	170	1.34	31.40	11.70
ALL OTHER PRECISION METAL WORKERS	50	0.39	N.A.	N.A.
PRECISION WOODWORKERS	120	0.95	N.A.	N.A.
PRECISION WORKERS, NEC	100	0.77	N.A.	N.A.
PRECISION MOLDERS, SHAPERS, CASTERS, AND CARVERS, EXCEPT JEWLRY AND FOUNDRY	20	0.15	41.99	4.26
PRECISION DETAIL DESIGN DECORATORS AND PAINTERS	60	0.47	39.05	4.26
ALL OTHER PRECISION WORKERS, NEC	20	0.15	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	1,130	8.91	N.A.	N.A.
MILLING AND PLANING MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.15	46.74	4.26
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	100	0.79	16.38	4.26
PUNCHING MACHINE SETTERS & SET-UP OPERATORS, METAL & PLASTIC	120	0.95	41.66	12.77
COMBINATION MACHINE TOOL SETTERS & SET-UP OPERATORS, METAL & PLASTIC	40	0.31	31.92	6.38
PLASTIC MOLDING & CASTING MACHINE SETTERS & SET-UP OPERATORS	30	0.23	31.83	5.32
PLASTIC MOLDING AND CASTING MACHINE OPERATORS AND TENDERS	410	3.25	26.42	12.77
ELECTROLYTIC PLATING AND COATING MACHINE SETTERS AND SET-UP OPERATORS, AND METAL PLASTIC	10	0.07	5.06	3.19
ELECTROLYTIC PLATING AND COATING MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	20	0.15	33.04	3.19
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	100	0.79	N.A.	N.A.

SIC 39   MISC MANUFACTURING INDUSTRIES
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	280	2.22	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	930	7.34	N.A.	N.A.
WOODWORKING MACHINE OPERATORS AND TENDERS, EXCEPT SAWING	30	0.23	17.77	2.13
PRINTING AND RELATED SETTERS AND SET-UP OPERATORS	140	1.11	N.A.	N.A.
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	80	0.63	32.87	7.45
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	80	0.63	26.57	5.32
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	20	0.15	49.07	5.32
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	300	2.37	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	420	3.33	N.A.	N.A.
OTHER HAND WORKERS, NEC	3,020	23.91	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ASSEMBLERS	380	3.01	37.88	12.77
WELDERS AND CUTTERS	240	1.90	39.90	13.83
SOLDERERS AND BRAZERS	20	0.15	35.27	3.19
PAINTING, COATING, AND DECORATING WORKERS, HAND	310	2.45	23.91	23.40
GRINDING AND POLISHING WORKERS, HAND	60	0.47	32.02	8.51
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	1,690	13.40	14.26	46.81
ALL OTHER HAND WORKERS, NEC	320	2.53	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	120	0.95	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	70	0.54	N.A.	N.A.
INDUSTRIAL TRUCK AND TRACTOR OPERATORS	40	0.31	28.10	6.38
ALL OTHER MATERIAL MOVING EQUIPMENT OPERATORS	30	0.23	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	20	0.15	26.26	2.13
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	70	0.55	24.67	9.57
HAND PACKERS AND PACKAGERS	690	5.47	32.84	28.72
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	120	0.95	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	320	2.53	N.A.	N.A.

SIC 391 JEWELRY, SILVERWARE, AND PLATED WARE
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	1,850	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	90	4.82	N.A.	N.A.
SELECTED STAFF AND ADMINISTRATIVE SPECIALTY MANAGERIAL OCCUPATIONS	30	1.61	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	10	0.53	16.76	29.41
GENERAL MANAGERS AND TOP EXECUTIVES	40	2.15	41.18	52.94
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.53	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	40	2.15	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	60	3.22	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	30	1.61	27.89	29.41
ALL OTHER SALES AND RELATED WORKERS	30	1.61	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	410	22.01	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	30	1.61	29.58	29.41
SECRETARIES	30	1.61	35.37	47.06
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	60	3.22	9.85	29.41
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	40	2.15	24.61	58.82
BILLING, COST AND RATE CLERKS	20	1.07	0.00	11.76
GENERAL OFFICE CLERKS	70	3.76	26.60	47.06
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	40	2.15	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	80	4.29	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	30	1.61	10.96	23.53
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	30	1.61	4.37	29.41
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	1.07	N.A.	N.A.
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	40	2.15	N.A.	N.A.
SERVICE OCCUPATIONS	50	2.68	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	30	1.61	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	30	1.61	8.50	29.41
ALL OTHER SERVICE WORKERS	20	1.07	N.A.	N.A.

SIC 391 JEWELRY, SILVERWARE, AND PLATED WARE
REFERENCE DATE : MAY 12, 1986

OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	1,200	64.45	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	40	2.15	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	40	2.15	7.88	23.53
MECHANICS, INSTALLERS, AND REPAIRERS	10	0.53	N.A.	N.A.
PRECISION METAL WORKERS	770	41.37	N.A.	N.A.
TOOL AND DIE MAKERS	40	2.15	20.38	35.29
JEWELERS AND SILVERSMITHS	300	16.12	14.34	94.12
PRECISION HAND WORKERS, JEWELRY AND RELATED PRODUCTS	340	18.27	8.60	64.71
PRECISION ETCHERS AND ENGRAVERS, HAND OR MACHINE	60	3.22	12.63	41.18
ALL OTHER PRECISION METAL WORKERS	30	1.61	N.A.	N.A.
PRECISION WORKERS, NEC	20	1.07	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	210	11.28	N.A.	N.A.
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	80	4.30	19.84	11.76
PLASTIC MOLDING AND CASTING MACHINE OPERATORS AND TENDERS	70	3.76	13.04	11.76
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	40	2.15	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	20	1.07	N.A.	N.A.
OTHER HAND WORKERS, NEC	90	4.83	N.A.	N.A.
PAINTING, COATING, AND DECORATING WORKERS, HAND	30	1.61	33.77	17.65
GRINDING AND POLISHING WORKERS, HAND	20	1.07	32.85	17.65
ALL OTHER HAND WORKERS, NEC	40	2.15	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	20	1.07	N.A.	N.A.

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	3,930	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	220	5.60	N.A.	N.A.
PURCHASING MANAGERS	20	0.51	49.71	41.18
ALL OTHER ADMINISTRATIVE MANAGERS	80	2.04	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	30	0.76	42.91	47.06
GENERAL MANAGERS AND TOP EXECUTIVES	80	2.04	34.67	76.47
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.25	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	110	2.80	N.A.	N.A.
MANAGEMENT SUPPORT OCCUPATIONS	20	0.51	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.51	N.A.	N.A.
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	70	1.78	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	100	2.55	N.A.	N.A.
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	80	2.04	25.22	29.41
ALL OTHER SALES AND RELATED WORKERS	20	0.51	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	480	12.23	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	20	0.51	48.50	29.41
SECRETARIES	40	1.02	38.75	47.06
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	50	1.27	37.65	58.82
PAYROLL AND TIMEKEEPING CLERKS	20	0.51	37.82	41.18
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	20	0.51	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	180	4.59	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	20	0.51	5.82	11.76
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	40	1.02	16.19	23.53
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	100	2.55	21.37	76.47
ALL OTHER MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING WORKERS	20	0.51	11.64	5.88
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	150	3.82	N.A.	N.A.
SERVICE OCCUPATIONS	50	1.27	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	40	1.02	N.A.	N.A.
JANITORS & CLEANERS, EXCEPT MAIDS & HOUSEKEEPING CLEANERS	40	1.02	37.23	41.18

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER SERVICE WORKERS	10	0.25	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	2,970	75.69	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	140	3.56	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	110	2.80	34.79	52.94
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	30	0.76	N.A.	N.A.
PRECISION INSPECTORS, TESTERS, AND GRADERS	10	0.25	12.41	5.88
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	50	1.27	14.55	23.53
MECHANICS, INSTALLERS, AND REPAIRERS	20	0.51	N.A.	N.A.
PRECISION METAL WORKERS	50	1.27	N.A.	N.A.
TOOL GRINDERS, FILERS, SHARPENERS, AND OTHER PRECISION GRINDERS	20	0.51	6.38	11.76
ALL OTHER PRECISION METAL WORKERS	30	0.76	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	400	10.19	N.A.	N.A.
GRINDING, LAPPING, AND BUFFING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	10	0.25	12.41	5.88
PLASTIC MOLDING & CASTING MACHINE SETTERS & SET-UP OPERATORS	10	0.25	11.64	5.88
PLASTIC MOLDING AND CASTING MACHINE OPERATORS AND TENDERS	160	4.08	41.06	29.41
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	160	4.08	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	60	1.53	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	610	15.55	N.A.	N.A.
WOODWORKING MACHINE OPERATORS AND TENDERS, EXCEPT SAWING	20	0.51	12.41	5.88
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	40	1.02	27.73	11.76
EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE OPERATORS AND TENDERS	10	0.25	12.41	5.88
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	280	7.14	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	260	6.63	N.A.	N.A.
OTHER HAND WORKERS, NEC	1,040	26.52	N.A.	N.A.
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	850	21.68	22.97	64.71

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER HAND WORKERS, NEC	190	4.84	N.A.	N.A.
TRANSPORTATION EQUIPMENT OPERATORS	20	0.51	N.A.	N.A.
HAND PACKERS AND PACKAGERS	480	12.24	45.49	64.71
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	10	0.25	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	140	3.57	N.A.	N.A.

SIC 399 MISCELLANEOUS MANUFACTURING INDUSTRIES
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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
TOTAL	5,670	100.00	-	-
MANAGERIAL AND ADMINISTRATIVE OCCUPATIONS	380	6.72	N.A.	N.A.
FINANCIAL MANAGERS	30	0.53	25.42	31.43
PERSONNEL, TRAINING, AND LABOR RELATIONS MANAGERS	10	0.17	44.46	17.14
PURCHASING MANAGERS	10	0.17	48.60	14.29
ENGINEERING, MATHEMATICAL, AND NATURAL SCIENCES MANAGERS	20	0.35	40.06	14.29
ALL OTHER ADMINISTRATIVE MANAGERS	10	0.17	N.A.	N.A.
INDUSTRIAL PRODUCTION MANAGERS	100	1.78	29.22	51.43
GENERAL MANAGERS AND TOP EXECUTIVES	190	3.38	21.17	68.57
ALL OTHER MANAGERS AND ADMINISTRATORS	10	0.17	N.A.	N.A.
PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL OCCUPATIONS	260	4.60	N.A.	N.A.
ACCOUNTANTS, AUDITORS, AND OTHER FINANCIAL SPECIALISTS	20	0.35	N.A.	N.A.
PURCHASING AGENTS, EXCEPT WHOLESALE AND RETAIL TRADE, AND FARM PRODUCTS	30	0.53	28.45	22.86
ALL OTHER MANAGEMENT SUPPORT WORKERS	20	0.35	N.A.	N.A.
ENGINEERS	20	0.35	N.A.	N.A.
ENGINEERING AND RELATED TECHNICIANS AND TECHNOLOGISTS	40	0.71	N.A.	N.A.
DRAFTERS	40	0.71	49.00	14.29
DESIGNERS, EXCEPT INTERIOR DESIGNERS	110	1.96	30.63	34.29
ALL OTHER PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS	20	0.35	N.A.	N.A.
SALES AND RELATED OCCUPATIONS	190	3.37	N.A.	N.A.
FIRST LINE SUPERVISORS & MANAGER/SUPERVISORS, SALES AND RELATED OCCUPATIONS	20	0.35	21.21	17.14
SALES REPRESENTATIVES, EXCEPT SCIENTIFIC AND RELATED PRODUCTS OR SERVICES AND RETAIL	130	2.31	21.22	42.86
ALL OTHER SALES AND RELATED WORKERS	40	0.71	N.A.	N.A.
CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	720	12.77	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-CLERICAL AND ADMINISTRATIVE SUPPORT OCCUPATIONS	30	0.53	42.19	25.71
ADJUSTMENT CLERKS	30	0.53	31.07	17.14
SECRETARIES	130	2.31	22.27	57.14
RECEPTIONISTS AND INFORMATION CLERKS	10	0.17	22.06	20.00
ORDER CLERKS, MATERIALS, MERCHANDISE, AND SERVICE	50	0.89	46.95	20.00
BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS	90	1.60	22.06	45.71
BILLING, COST AND RATE CLERKS	20	0.35	22.56	17.14
GENERAL OFFICE CLERKS	100	1.78	33.99	31.43

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ELECTRONIC DATA PROCESSING AND OTHER OFFICE MACHINE OPERATORS	50	0.88	N.A.	N.A.
BILLING, POSTING, AND CALCULATING MACHINE OPERATORS	20	0.35	41.00	11.43
ALL OTHER OFFICE MACHINE OPERATORS	30	0.53	N.A.	N.A.
MATERIAL RECORDING, SCHEDULING, DISPATCHING, AND DISTRIBUTING WORKERS	160	2.84	N.A.	N.A.
PRODUCTION, PLANNING, AND EXPEDITING CLERKS	20	0.35	24.24	17.14
STOCK CLERKS- STOCKROOM, WAREHOUSE OR STORAGE YARD	40	0.71	43.36	25.71
TRAFFIC, SHIPPING, AND RECEIVING CLERKS	100	1.78	20.18	48.57
ALL OTHER CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS	50	0.89	N.A.	N.A.
SERVICE OCCUPATIONS	100	1.78	N.A.	N.A.
CLEANING AND BUILDING SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLDS	100	1.78	N.A.	N.A.
PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	4,020	71.45	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE, AND RELATED OCCUPATIONS	290	5.15	N.A.	N.A.
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, MECHANICS, INSTALLERS, AND REPAIRERS	20	0.35	30.38	17.14
FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS, PRODUCTION AND OPERATING WORKERS	250	4.45	14.81	68.57
ALL OTHER FIRST LINE SUPERVISORS AND MANAGER/SUPERVISORS-PRODUCTION, CONSTRUCTION, MAINTENANCE AND RELATED	20	0.35	N.A.	N.A.
PRODUCTION INSPECTORS, TESTERS, GRADERS, SORTERS, SAMPLERS, AND WEIGHERS	80	1.42	19.19	17.14
MACHINERY MAINTENANCE MECHANICS	50	0.89	29.78	22.86
MAINTENANCE REPAIRERS, GENERAL UTILITY	40	0.71	23.62	31.43
ALL OTHER MECHANICS, INSTALLERS, AND REPAIRERS	120	2.13	N.A.	N.A.
CONSTRUCTION TRADES WORKERS, EXCEPT MATERIAL MOVING	20	0.35	N.A.	N.A.
PAINTERS AND PAPERHANGERS, CONSTRUCTION AND MAINTENANCE	20	0.35	40.32	8.57
PRECISION METAL WORKERS	250	4.44	N.A.	N.A.
MACHINISTS	20	0.35	47.47	11.43
SHEET METAL WORKERS	170	3.03	31.76	28.57
ALL OTHER PRECISION METAL WORKERS	60	1.06	N.A.	N.A.
PRECISION WORKERS, NEC	80	1.41	N.A.	N.A.
PRECISION MOLDERS, SHAPERS, CASTERS, AND CARVERS, EXCEPT JEWLRY AND FOUNDRY	20	0.35	41.99	11.43

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OCCUPATION	EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT	RELATIVE ERROR (IN %)	ESTABLISHMENTS REPORTING OCCUPATION (%)
ALL OTHER PRECISION WORKERS, NEC	60	1.06	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, METAL AND PLASTIC	510	9.07	N.A.	N.A.
SAWING MACHINE TOOL SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	20	0.35	41.30	8.57
COMBINATION MACHINE TOOL SETTERS & SET-UP OPERATORS, METAL & PLASTIC	30	0.53	40.74	8.57
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, METAL AND PLASTIC	70	1.24	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, METAL AND PLASTIC	390	6.95	N.A.	N.A.
MACHINE SETTERS, SET-UP OPERATORS, AND TENDERS, EXCEPT METAL AND PLASTIC	370	6.56	N.A.	N.A.
SCREEN PRINTING MACHINE SETTERS AND SET-UP OPERATORS	70	1.24	48.47	14.29
ALL OTHER PRINTING RELATED SETTERS & SET-UP OPERATORS	50	0.89	N.A.	N.A.
PRINTING AND RELATED MACHINE OPERATORS AND TENDERS	60	1.06	N.A.	N.A.
CUTTING AND SLICING MACHINE OPERATORS AND TENDERS	40	0.71	28.32	8.57
COATING, PAINTING, AND SPRAYING MACHINE OPERATORS & TENDERS	40	0.71	47.69	8.57
CRUSHING, GRINDING, MIXING, & BLENDING MACHINE OPERATORS & TENDERS	20	0.35	40.23	5.71
ALL OTHER MACHINE SETTERS AND SET-UP OPERATORS, EXCEPT METAL AND PLASTIC	20	0.35	N.A.	N.A.
ALL OTHER MACHINE OPERATORS AND TENDERS, EXCEPT METAL AND PLASTIC	130	2.31	N.A.	N.A.
OTHER HAND WORKERS, NEC	1,530	27.24	N.A.	N.A.
ELECTRICAL AND ELECTRONIC ASSEMBLERS	380	6.77	38.07	31.43
WELDERS AND CUTTERS	180	3.20	43.65	25.71
SOLDERERS AND BRAZERS	10	0.17	47.98	2.86
PAINTING, COATING, AND DECORATING WORKERS, HAND	170	3.03	24.13	34.29
ASSEMBLERS AND FABRICATORS, EXCEPT MACHINE, ELECTRICAL, ELECTRONIC, AND PRECISION	600	10.69	22.55	48.57
ALL OTHER HAND WORKERS, NEC	190	3.38	N.A.	N.A.
MATERIAL MOVING EQUIPMENT OPERATORS	60	1.06	N.A.	N.A.
MACHINE FEEDERS AND OFFBEARERS	20	0.35	26.26	5.71
FREIGHT, STOCK, AND MATERIAL MOVERS, HAND	40	0.71	35.67	14.29
HAND PACKERS AND PACKAGERS	110	1.96	37.10	22.86
ALL OTHER HELPERS, LABORERS, AND MATERIAL MOVERS, HAND	90	1.60	N.A.	N.A.
ALL OTHER PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING OCCUPATIONS	300	5.34	N.A.	N.A.

GLOSSARY OF TERMS

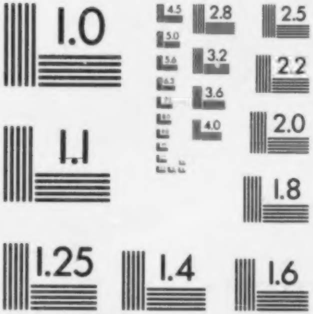
ES-202, Quarterly Report of Employment and Wages: A listing of all employing units, within the state, covered under the Unemployment Insurance Law.

Establishment: An economic unit which produces goods or services. In most instances, each establishment is a single physical location and is engaged in one predominate type of economic activity for which an industry code is applicable. Establishments are also referred to as reporting units.

Standard Industrial Classification (SIC): The SIC is the classification of establishments by type of economic activity in which engaged. It is a classification of establishment, rather than legal entities or enterprises by kinds of business, and not by occupations or commodities. It encompasses all economic activity.

Universe: Total establishments or units covered under the ES-202 Quarterly Report of Employment and Wages.

MICROCOPY RESOLUTION TEST CHART
NBS - 1010a
(ANSI and ISO TEST CHART No. 2)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